Metal Windows, Skylights, Cornices, Finials.

Catalogue C

Eaves Troughs and Conductor Pipes.

Henry Weyand Co.,
Incorporated.
16 to 24 Jefferson Street,
Waterbury, Conn.

Catalogue

C

and

Price List

Established 1889. Incorporated 1904.

HENRY WEYAND CO.

INCORPORATED.

MANUFACTURERS OF

FIREPROOF WINDOWS

ARCHITECTURAL SHEET METAL WORK OF ALL DESCRIPTIONS IN ORNAMENTAL AND FIREPROOF CONSTRUCTION.

Skylights, Crestings, Finials, Ridge Roll, Cornices, Ventilators, Corrugated Iron.

STEEL, GALVANIZED CHARCOAL IRON, AND GALVANIZED OR COPPER EAVES TROUGH AND CORRUGATED CONDUCTOR PIPES.

MITRES, ELBOWS, SHOES.

GUTTER AND PIPE HANGERS AND FASTENERS.

OFFICE and WORKS

16-24 JEFFERSON STREET

Waterbury, Conn.

THE WATERBURY PRINTING CO.

OFFICE AND WORKS

HENRY WEYAND CO., Inc.

16-24 JEFFERSON STREET, WATERBURY, CONN.

The above cut, taken from a photograph, shows our works, the front being entirely constructed of sheet metal.

TDCAT L904
PA.PV03B782

ANNOUNCEMENT

IN PRESENTING Catalogue C to our customers and the trade in general, we wish to call particular attention to the Metal Window Department, which has been added to our line of Architectural Sheet Metal Work since the publication of Catalogue B.

Making a specialty of manufacturing windows of fire-proof qualities, and possessing a well-equipped plant, and machinery and devices peculiar to their construction, we are in a position to produce a window that is perfect mechanically, symmetrical, and correct in architectural detail, and are able to fill orders promptly and satisfactorily.

As heretofore, we manufacture Sheet Metal Work of all descriptions, but our efforts are not limited to designs and classes of work shown herein, for, having the requisite knowledge and facilities at hand, we are prepared to construct Sheet Metal Work of any kind from plans and drawings, and invite your inquiries relative to same when having work of this nature in view.

In our Eaves Trough and Conductor Pipe Department we keep a large stock continually on hand, thereby enabling us to make prompt shipments.

We beg to thank our many customers for their liberal and valued patronage bestowed upon us, and shall redouble our efforts to merit their continued support by manufacturing only goods of the best quality and at as low prices as are consistent with good material and first-class workmanship.

We respectfully solicit your orders and invite inspection of our lines, and will cheerfully furnish further information upon application.

Respectfully yours,

HENRY WEYAND CO., INC.

FIREPROOF WINDOWS.

Fireproof windows, as furnished by us, comprise hollow metal frames of sheet steel, charcoal iron, or copper, glazed with wire glass, and, if desired can, be constructed to close automatically at the approach of fire.

All connections are locked, or riveted together, and then soldered; the joints, however, are not dependent on what solder is used, this being done simply to make a smooth connection, and when they are painted the frames and sashes can not be distinguished from the ordinary wooden window.

We equip these windows with our own special pulley, which can be taken out and replaced without disturbing any part of the frame—a feature not found in other windows of this description.

Fireproof windows are furnished in every type that can be made in wood—are neat in appearance, being indistinguishable from the ordinary window, and are absolutely fire and weatherproof.

Metal windows glazed with wire glass meet and exceed all the requirements of the National Board of Fire Underwriters, and are accepted in lieu of fire shutters. With their installment, the fire risk is materially reduced, with a consequent lowering of insurance rates.

FIREPROOF WINDOWS.

Typical Section through Jamb of Sliding Sash Types.

TYPE B.

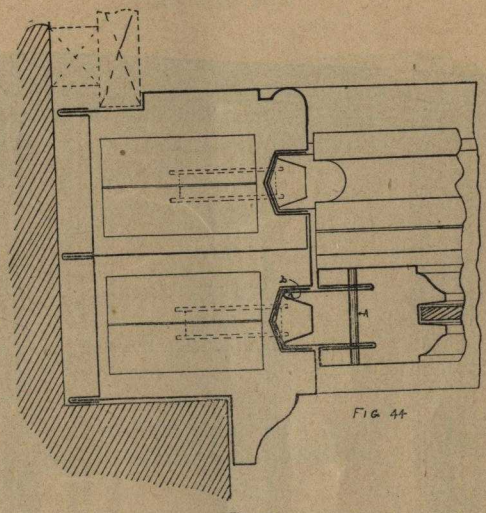


Fig. 44.

LIST OF TYPES.

Type B.—(Illustrated.) Windows with two sliding sashes balanced by weights.

Type E.—Windows with one or more stationary lights at bottom and one sliding sash at top.

Type F.—(Illustrated.) Windows with stationary glass in one or more lights without movable sashes.

Type G.—(Illustrated.) Windows with one stationary light and one pivoted sash.

Type H.—Windows with one or more stationary lights and one hinged sash.

Type I.—(Illustrated.) Windows with two pivoted sashes.

Type J.—Windows with two hinged sashes.

Type K.—Windows with one hinged sash the full size of frame.

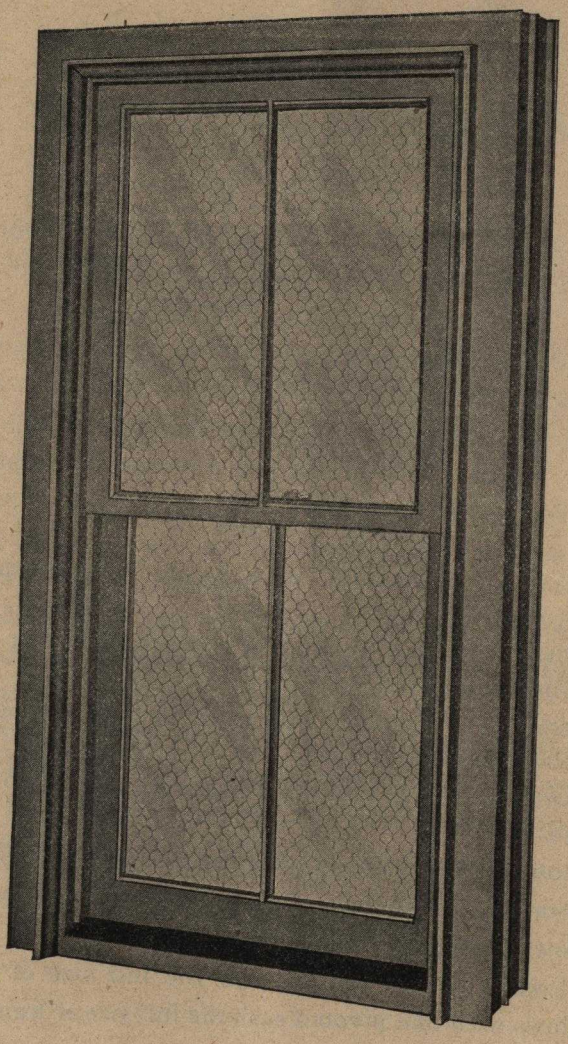
Type L.—Windows with one pivoted sash the full size of frame.

Type S.—(Illustrated.) Windows with stationary center lights and pivoted top and bottom sash.

These various types are finished with circular or segment heads, or in any shape necessary or desired. We are also prepared to make special designs to conform to unusual structural requirements.

FIREPROOF WINDOWS.

"The building is always light and a fire inside can easily be seen outside."



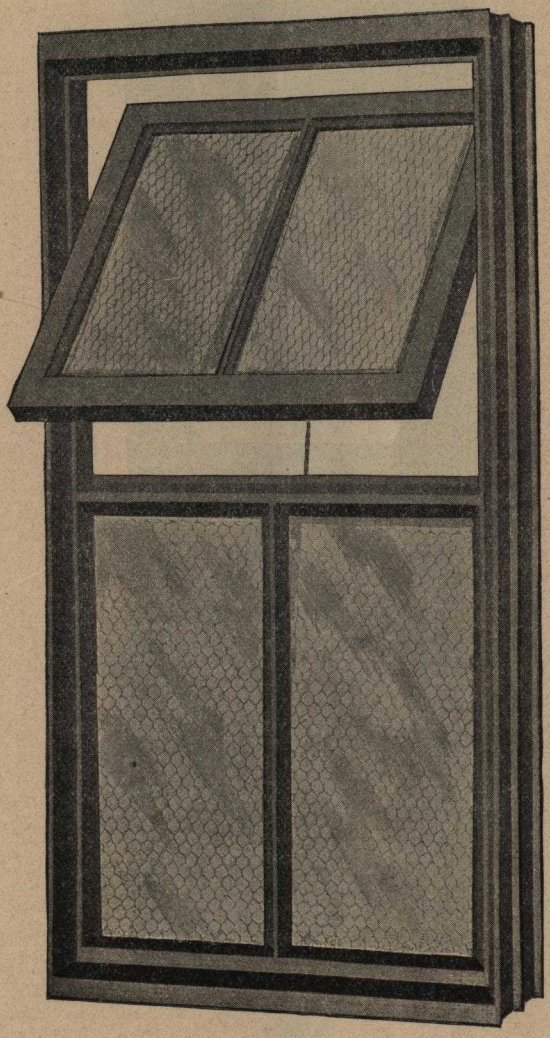
TYPE B.

Windows with Sliding Sashes Balanced by Weights.

Suitable for use in the street fronts of Office, Hotel or Apartment Buildings.

FIREPROOF WINDOWS.

"They offer a degree of fire resistance equal to the wall in which they are set."



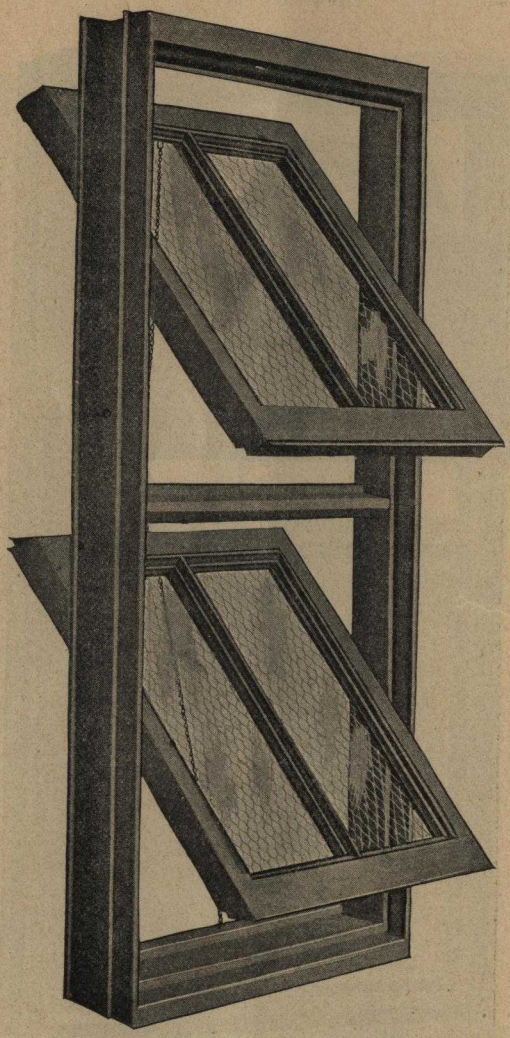
TYPE G.

Windows with One Stationary and One Pivoted Sash.

Suitable for use in Factories, Light Shafts or the rears of Buildings.

FIREPROOF WINDOWS.

"They are absolutely Fire and Weather Proof."



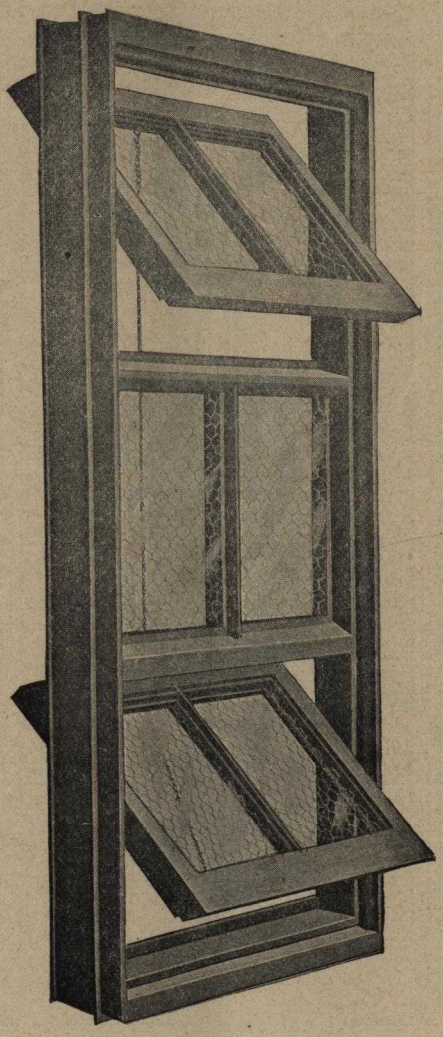
TYPE I.

Windows with Two Pivoted Sashes.

Suitable for Factories, Schools, rears of buildings or for use where much ventilation is required.

FIREPROOF WINDOWS.

"They have the unqualified support of Fire Chiefs and Underwriters."



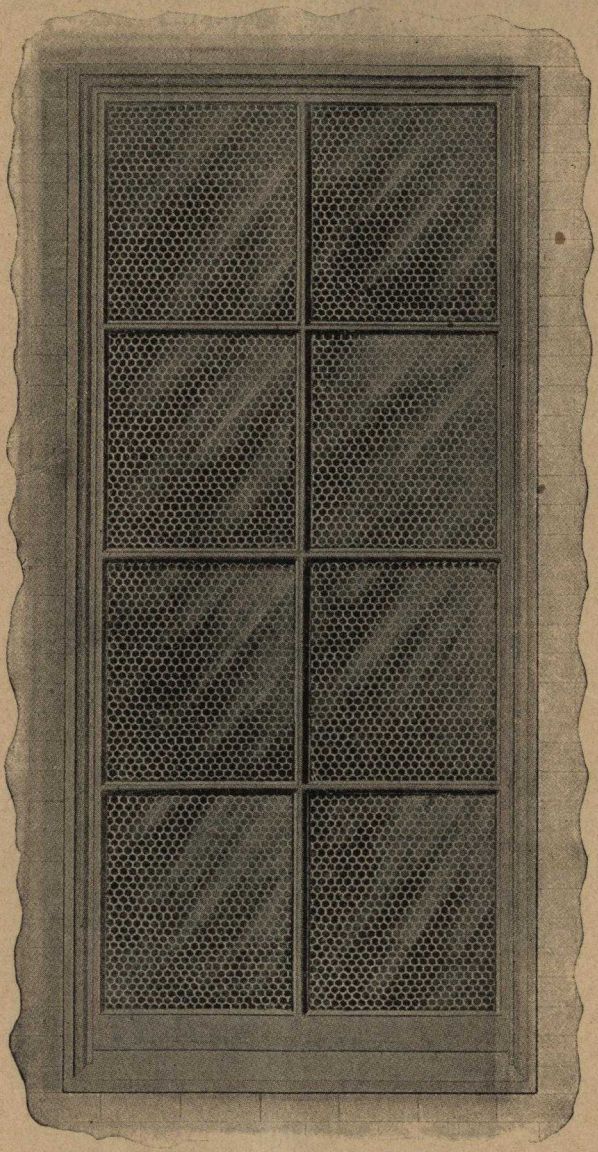
TYPE S.

Windows with Stationary Center Lights and Pivoted Upper and Lower Sash.

Particularly adapted for Factory use.

FIREPROOF WINDOWS.

"Save money by reducing insurance rates."



TYPE F.

Windows with Stationary Glass, without Movable Sashes.

Suitable for Factories, Mills or other large buildings, where it is essential to have window openings permanently closed.

FIREPROOF WINDOWS.

INSTRUCTIONS FOR TAKING MEASUREMENTS.

The dimensions of the openings in walls necessary for us to know in order to construct frames are as follows:

Referring to figures 92, 93, 94 below—

D—Width of clear opening in wall.

E—Clear height of square head opening.

E'—Height of circular head opening at one side of opening.

F—Rise of arch.

H & **C** together give slope of masonry sill.

B—Depth of reveal.

C—Distance from inner edge of reveal to inner face of wall.

A—Offset or difference in width of one side of inside and outside wall of opening.

J—Thickness of wall.

IN OLD BUILDINGS, where wood windows are replaced by metal, accurate, full size sections through head, sill and sides should be given in addition to above measurements, showing any woodwork that may remain to be covered with metal.

IN ANY CASE, where the sections of wall are not built as shown in Figs. 92-93 a full size drawing of sections should be sent.

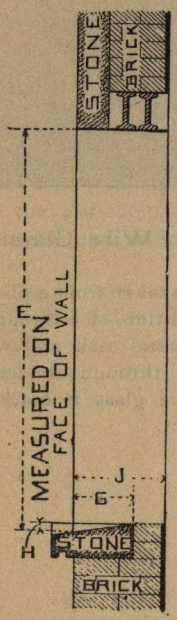
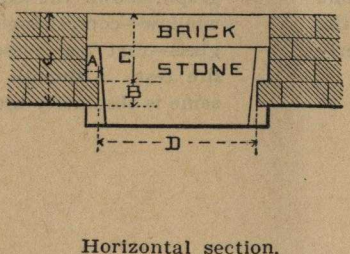


Fig. 92.
Vertical section through a square head opening.



Horizontal section.

Fig. 93.

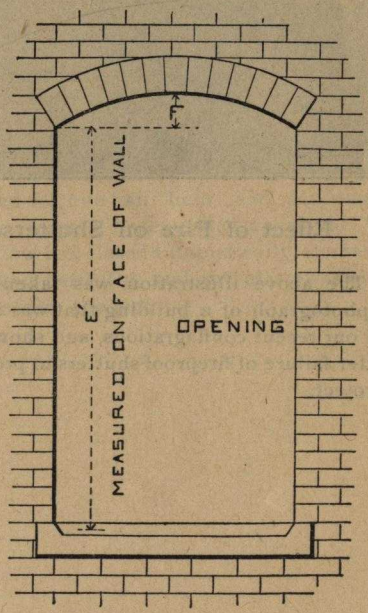
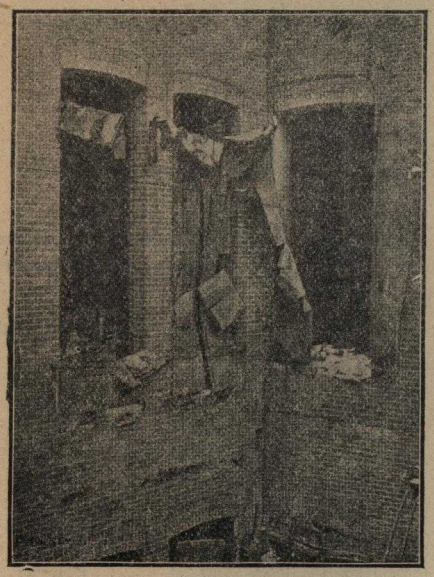


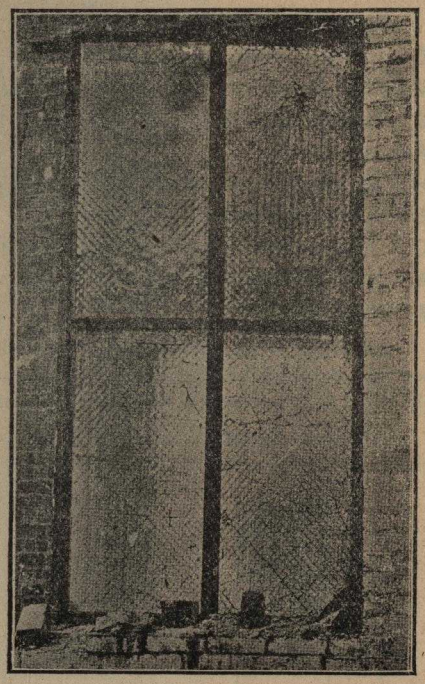
Fig. 94.
Elevation of a circular head opening.

NOTE.—IN MEASURING clear openings do not measure height from outer edge of stone sill, but set rule on top of stone sill where it intersects the outer face of wall.



Effect of Fire on Shutters.

The above illustration was taken from a photograph of a building that was in one of our recent conflagrations, and shows the utter failure of fireproof shutters to properly protect.

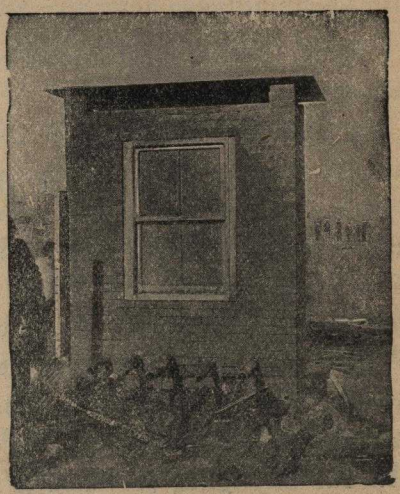


Effect of Fire on Wire Glass.

This illustration, also taken from a photograph, shows the condition of a fireproof window—comprising metal sash and wire glass—that has passed through an actual fire test. Although the glass is cracked, same is absolutely intact.

A practical fire test of these windows was made in Philadelphia in 1901 at the request of the Philadelphia Board of Fire Underwriters, and was entirely satisfactory to them.

The above illustration shows a brick structure containing one of our windows, with a pile of oil saturated wood ready to be ignited.



The above illustration shows the window as it appeared after the fire had been maintained for one-half hour and a stream of water from a hose turned on same. The window had closed automatically, the sashes worked perfectly, and the glass was all in place after the test.

SKYLIGHTS.

In the following illustrations we show those Skylights that are best adapted for general use.

Our method of construction is simple, involving two important principles—namely, great strength and lightness, these facts alone making them superior to both wrought iron and wooden lights, superior to the former as there is no expansion or contraction of parts to break the glass or cause leaks, as the frame being entirely constructed of sheet metal, there is comparatively little surface to be acted on by heat or cold.

The breakage of glass by the contraction or expansion of the metal in wrought iron Skylights is a common matter of complaint and constitutes a great objection to their use.

In our Skylights, provision is made for carrying off the condensation from the inside and preventing leaks, matters which cannot well be guarded against in those constructed of wrought iron or wood.

The points of superiority in these Skylights over those constructed of wrought iron or wood are many, as they are fire-proof, more durable, do not leak, are condensation proof, are lighter in weight, and having more glass surface, admit more light.

We are prepared to manufacture any size, shape or design of Skylight for green-houses, conservatories, domes and other structures that may be required, and will furnish estimates for such on application and receipt of drawings.

PITCH OF SKYLIGHT.

The pitch should be made in the curb for single pitch Skylights, and should not be less than two inches to the foot.

In double pitch or hipped Skylights the curb should always be level. In construction, unless otherwise specified, we raise to a pitch equalling one-third the width of the opening, making an angle of 33⅓ degrees, or eight inches to the foot; for an example, in a Skylight spanning nine feet the rise is three feet. We will however, build Skylights to any pitch desired or specified.

RELATING TO CURBS.

The curbing for our Skylights are of T iron, angle iron or wood, and are furnished and set in place by the carpenter or owner. Our dimensions are always taken on the outside of the curb, and we make all the necessary allowances for play and flashings, therefore in building curbs, the carpenter should be particular to work to exact figures; for instance, for a Skylight 7x9 he should construct the curb 7x9 feet exact, the measurements applying on the outside of same. Curbs setting on flat roofs, when not constructed of metal, should be built of two-inch plank, level on top and at least six inches above the roof on lower end. Curbs for steep roofs are built square with roof, six inches high above roof and running parallel with same.

GLAZING.

The glass is bedded in the cross-bars with putty, this is used merely to give the glass a level or even bearing, and also affording security against breakage. The joints are then covered with metallic caps securely fastened.

We guarantee our Skylights to be of the best material and workmanship.

WEIGHT OF ROUGH GLASS PER SQUARE FOOT.

Thickness, inches	⅛	3/16	¼	⅜	½	⅝	¾	1
Weight, pounds	2	2½	3½	5	7	8½	10	12½

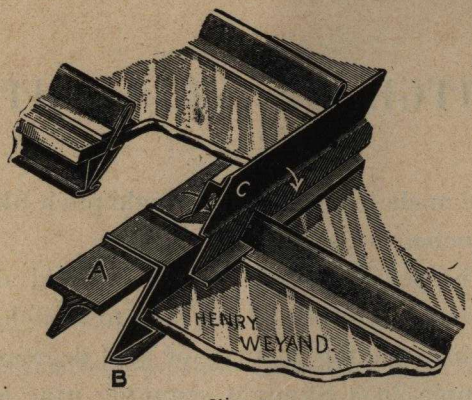


Fig. 1.

In the above cut we show a section of Finished Skylight, illustrating our method of construction.

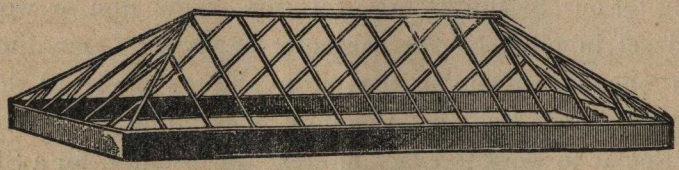


Fig. 2.

Showing a Plain Hipped Skylight without ridge ventilator.

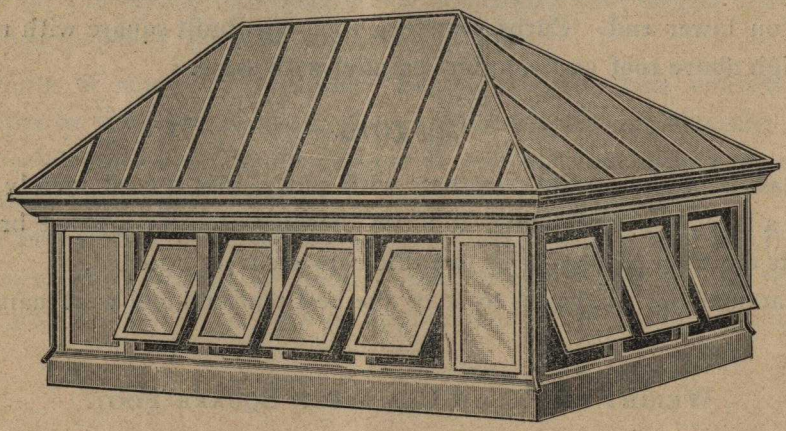


Fig. 3.

Fig. 3 illustrates a Hipped Turret Skylight with glazed opening sash for ventilation. These sashes can be operated simultaneously from below by means of gearing and rods. This style of Skylight is best adapted for large openings over stores and workshops, where much ventilation is desired without loss of light.

Fig. 4.

Fig. 4 shows adaptation of a Skylight to the bottom of a light shaft or area. Provision is made for conducting off rain water by means of gutter in center, making it perfectly storm-proof.

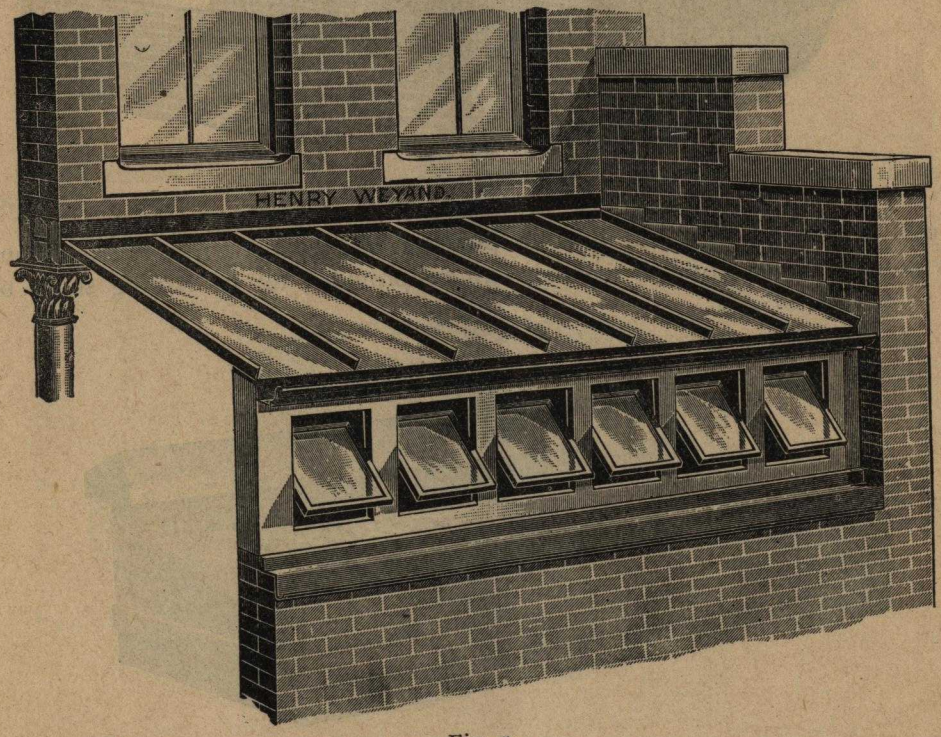


Fig. 5.

Fig. 5 illustrates an extension Skylight at rear of building, provided with movable sash for ventilation, a very desirable feature in some positions.

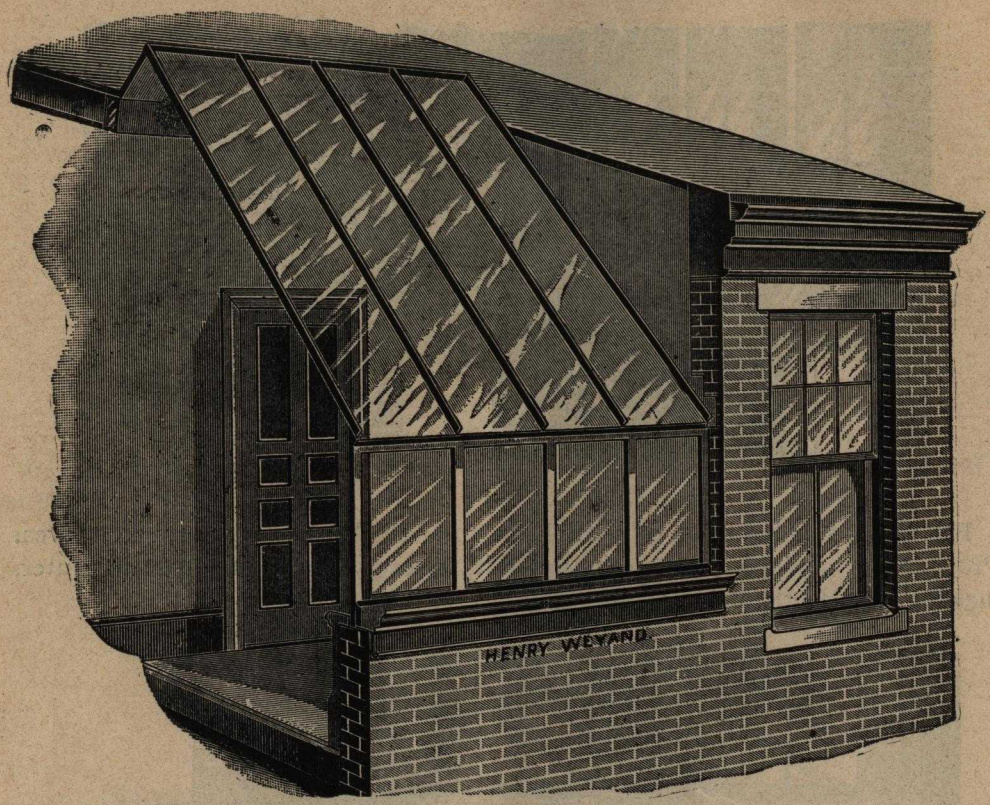


Fig. 6.

In Fig. 6 we show a Skylight adapted for photographic galleries and conservatories. Ventilation, if desired, can be provided for by having some of the front sash to open.

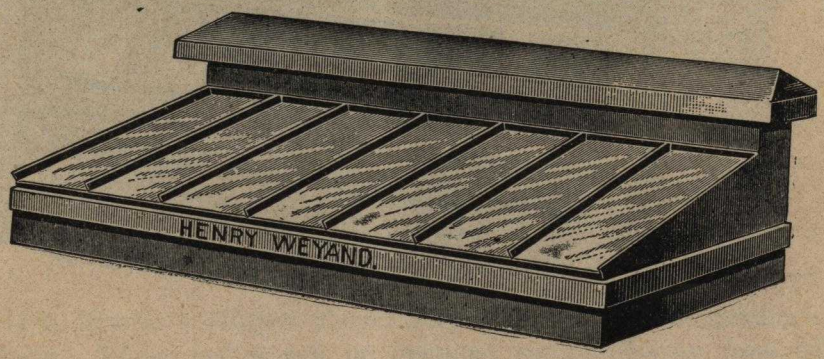


Fig. 7.

Fig. 7 illustrates a single pitch Skylight with continuous ventilator.

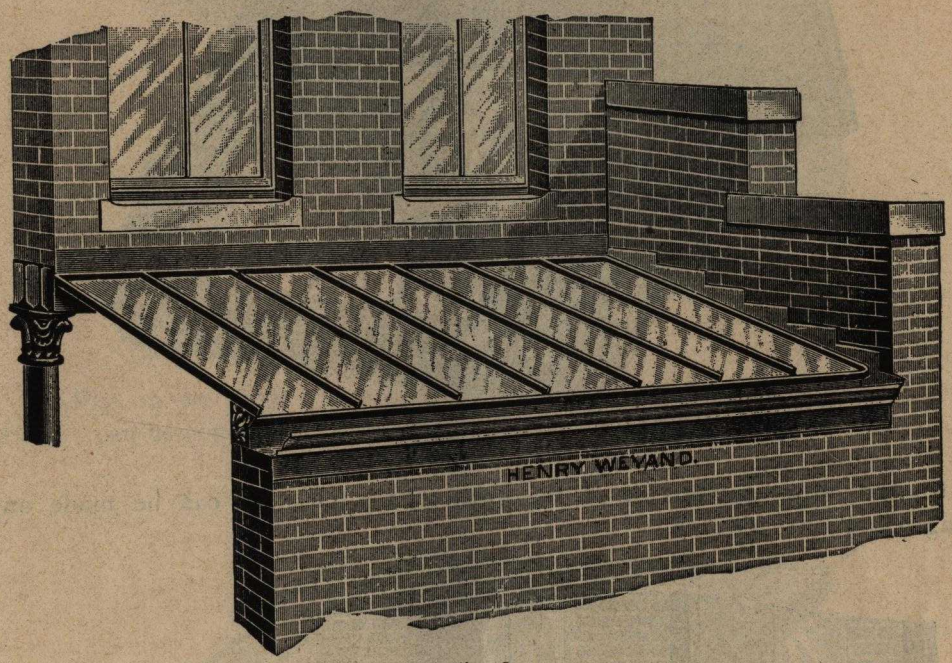


Fig. 8.

Fig. 8 shows an extension Skylight, without the movable sash as shown in Fig. 5.

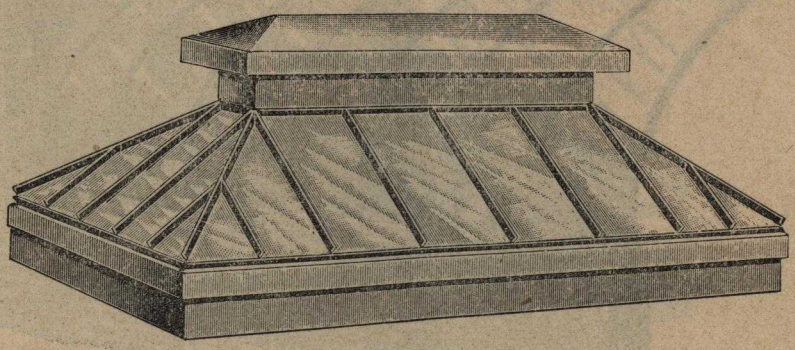


Fig. 9.

Illustrating a plain hipped Skylight with ridge ventilator.

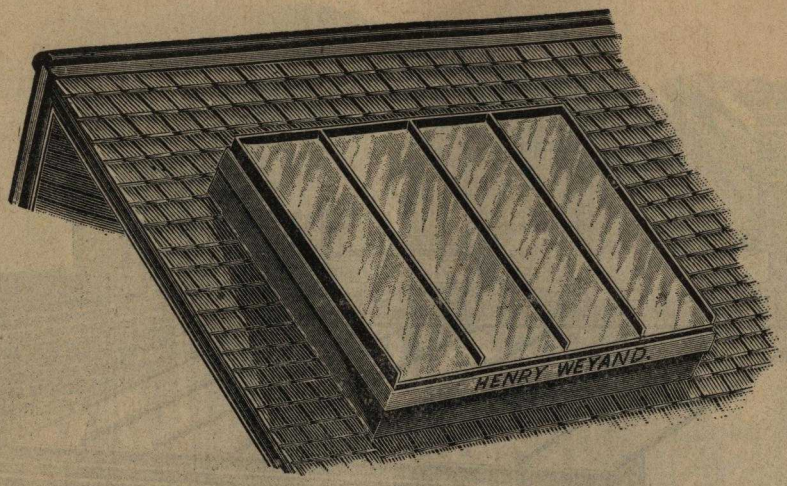


Fig. 10.

Fig. 10 shows application of Skylight to a pitch roof; can be made any length or width desired.

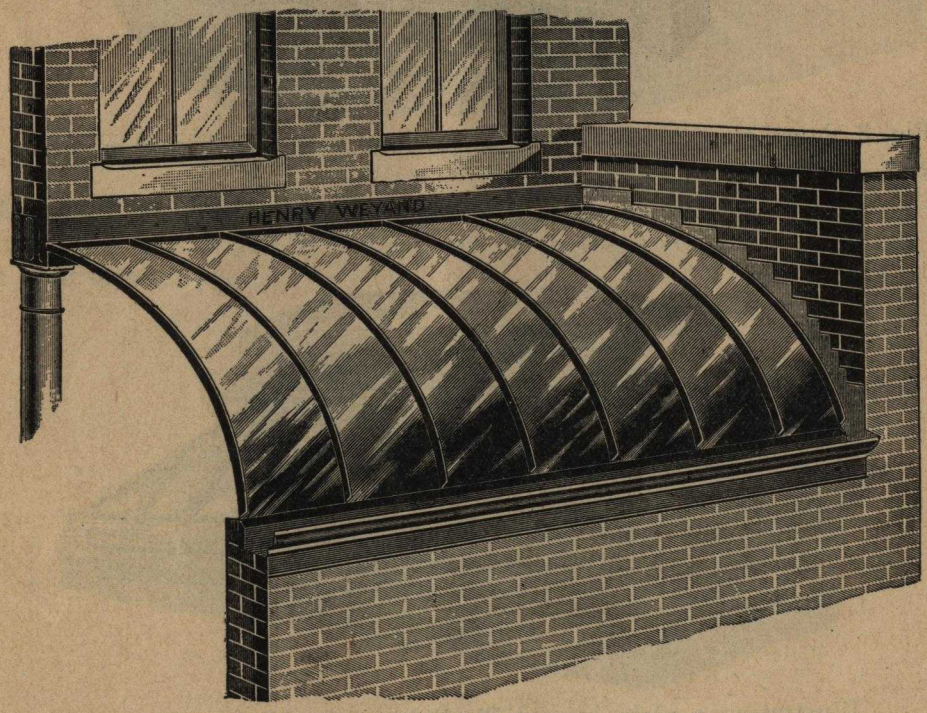


Fig. 11.

Fig. 11 illustrates a Skylight used for the same purpose as Figs. 5 and 8, the glass being curved in form instead of flat.

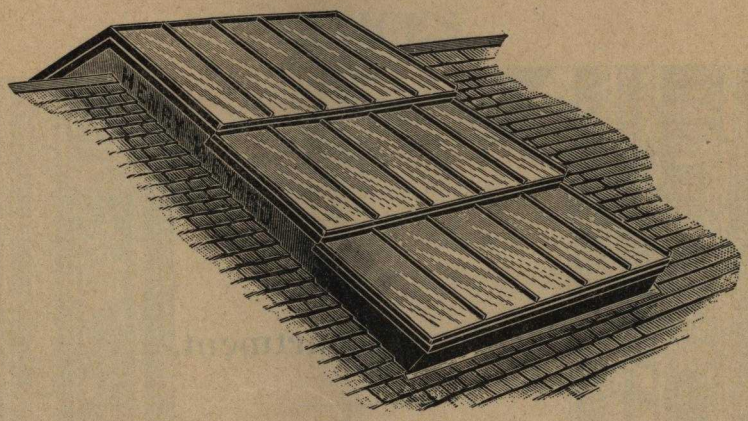


Fig. 12.

In Fig. 12 we show another style of continuous Skylight, applied to a ridge; can be constructed to cover any amount of roof surface desired.

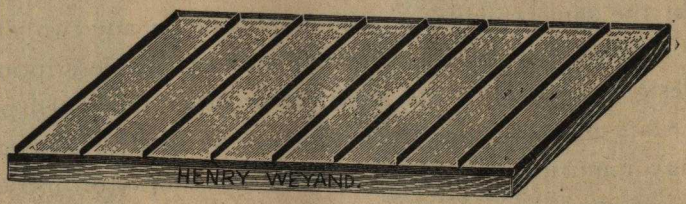


Fig 13.

Fig. 13 illustrates a plain, flat Skylight, that can be furnished in any length, suitable for a factory or other building where a large amount of light is desired.

Fig. 14.

Fig. 14 shows a single pitch Skylight, arranged to open at any desired angle by means of a curved bar as shown.

Cornice Department.

Under this head we show on the following pages several illustrations of various styles of "Ornamental Roof Trimmings." We append but a few in each class, as owing to the great diversity of styles it would be impossible to illustrate them all. We have also refrained from giving dimensions, prices, etc., as we are of the opinion that it is useless and of not much assistance, owing to the fact that the same conditions seldom prevail on any two jobs, and as we have found, from experience, that most all work of this description is of some particular design, specified by the architect or other interested parties. Also we wish to state in connection herewith, that we shall be pleased at all times to answer any inquiries concerning these goods, and to furnish estimates and any other information desired.

In embodying the following illustrations in our Catalogue, it has been with the aim and desire mainly, to bring to the notice of architects, builders, and the trade generally, the different lines of sheet metal work we manufacture.

We invite your inquiries and your orders, and we shall use diligent efforts to fill them to your entire satisfaction.

CORNICES.

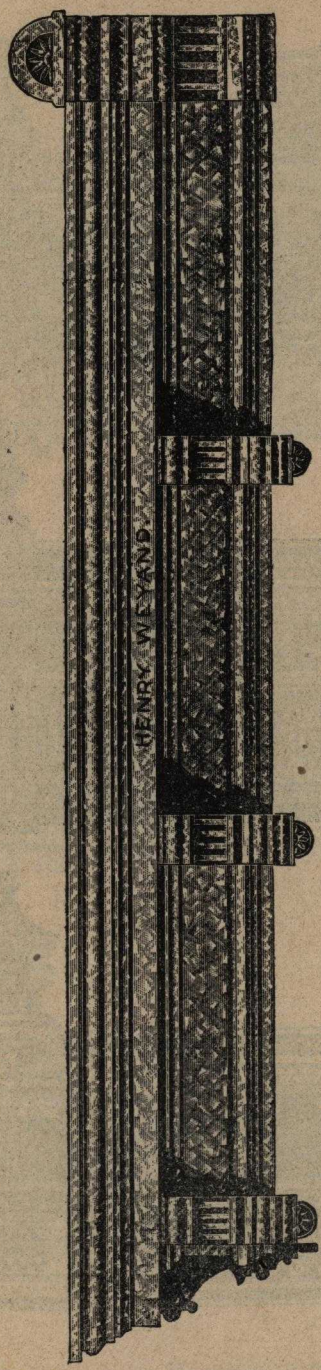


Fig. 15.

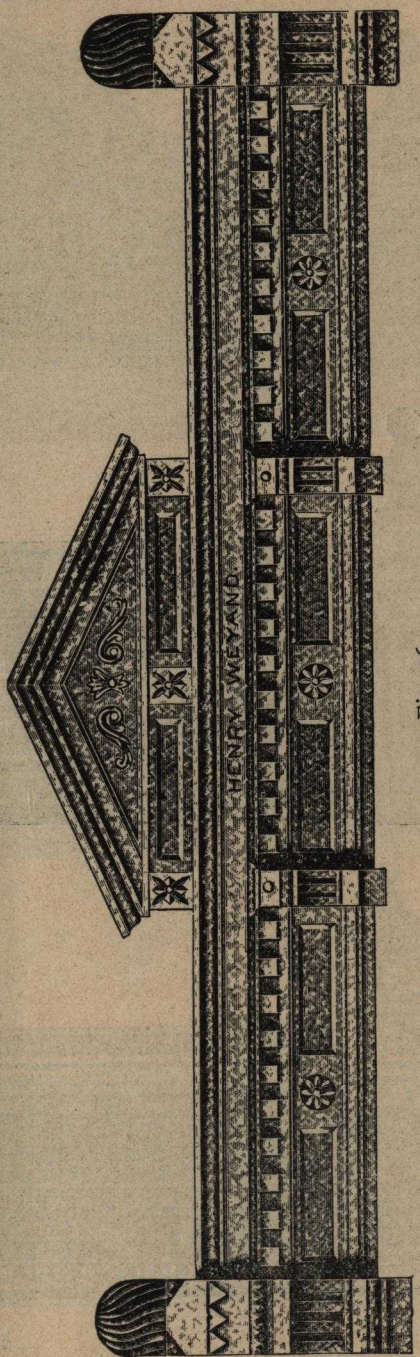


Fig. 16.

In giving measurements always give extreme lengths, including end trusses, and state if cornice is for building constructed of wood, brick or stone, and whether completed or in progress of erection.

CORNICES.

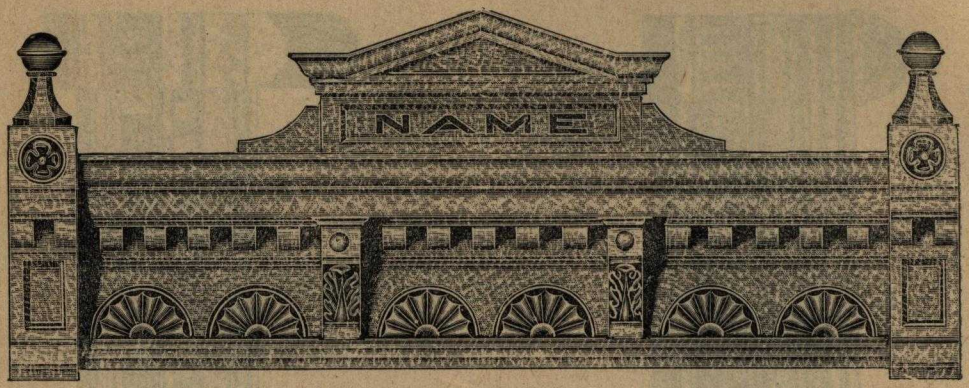


Fig. 17.

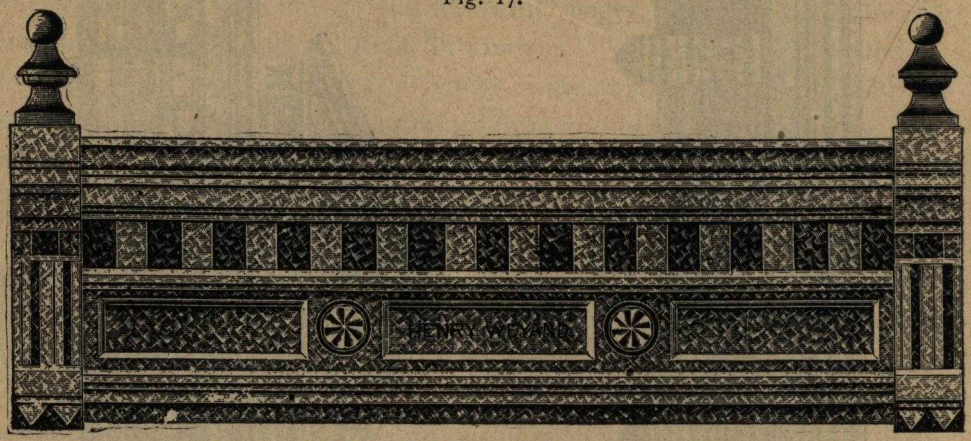


Fig 18.

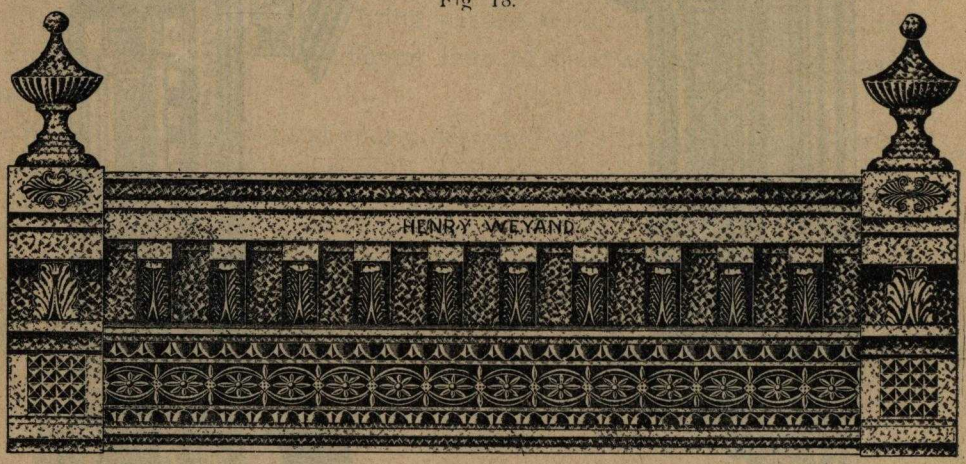


Fig. 19.

Manufactured in either copper or galvanized iron.
Prices quoted on application.

CORNICES.

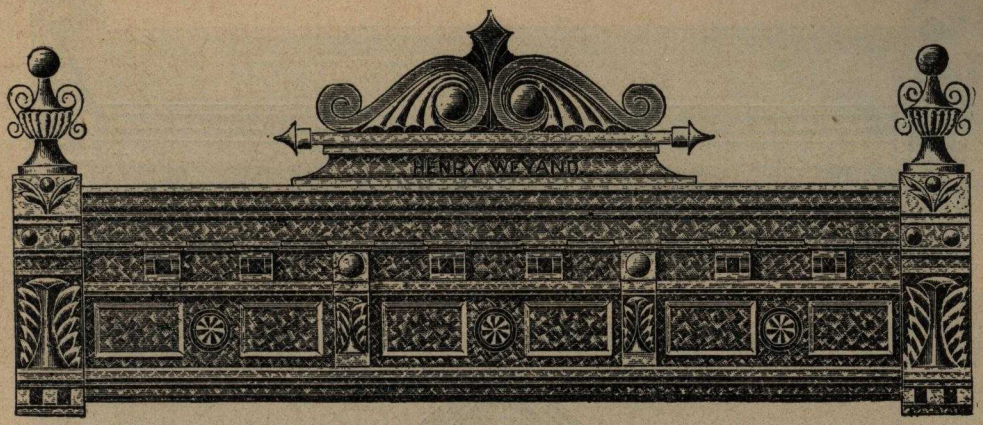


Fig. 20.

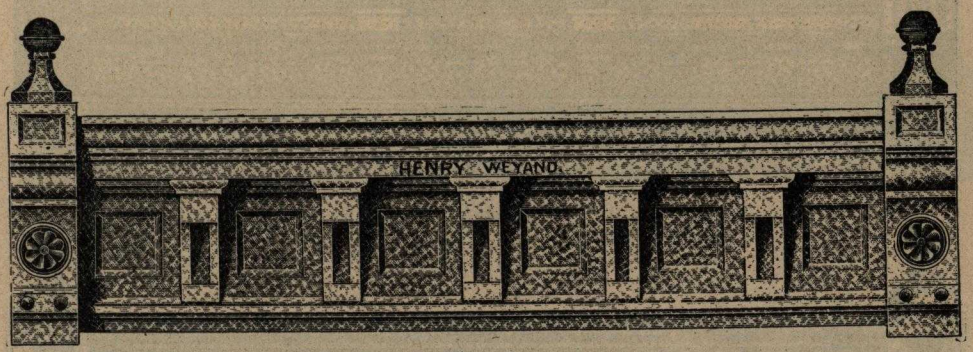


Fig. 21.

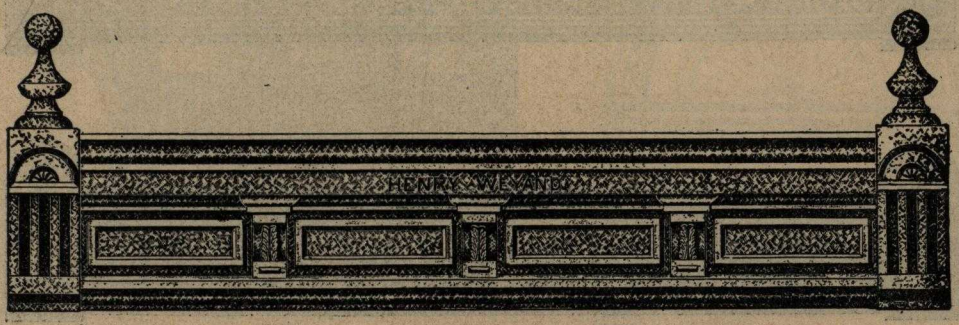


Fig. 22.

Manufactured in either copper or galvanized iron.
Prices quoted on application.

CORNICES.

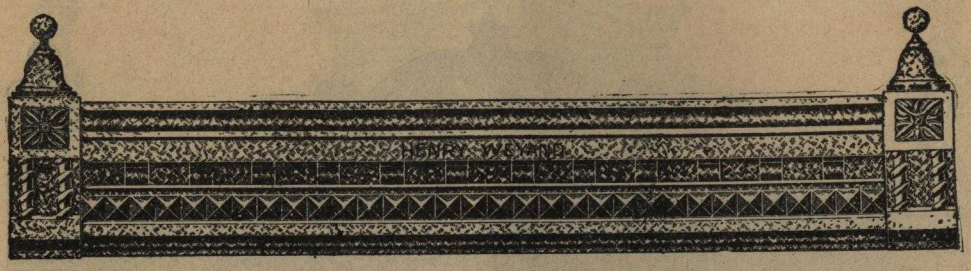


Fig. 23.

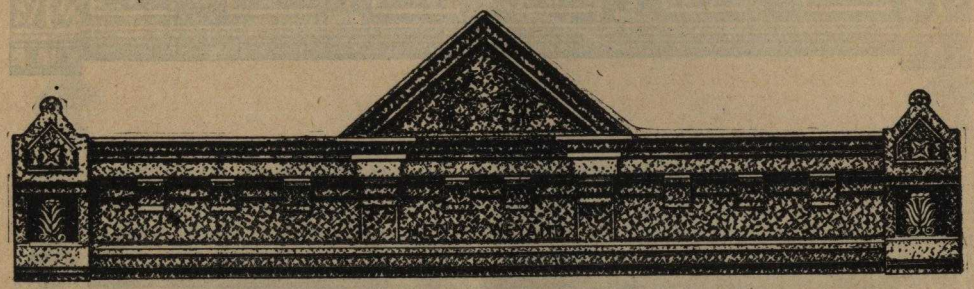


Fig. 24.

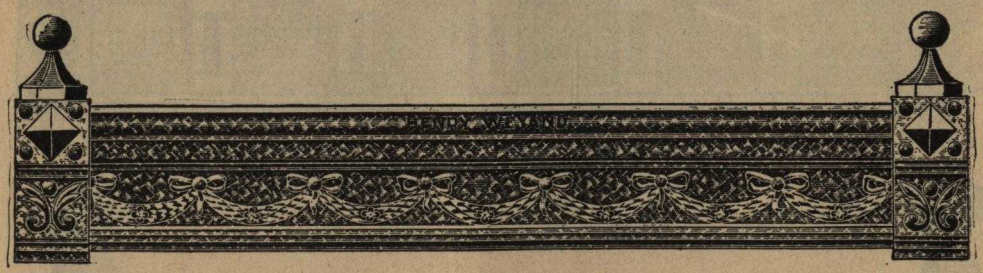


Fig. 25.

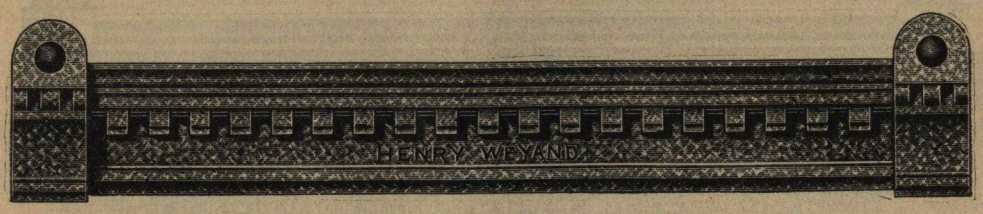


Fig. 26.

Manufactured in either copper or galvanized iron.
Prices quoted on application.

CORNICES.

Fig. 27.

Fig. 28.

Fig. 29.

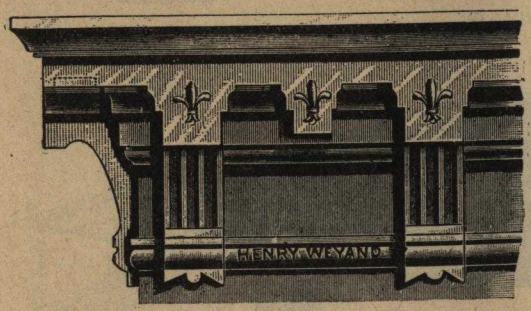


Fig. 30.

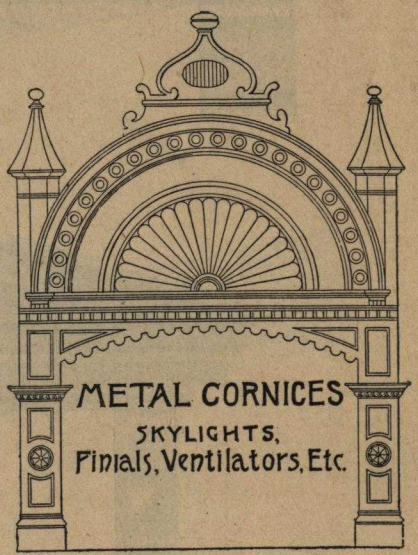


Fig. 31.

Any of the designs shown are subject to modification ; can be enlarged or reduced, and changed to suit your requirements.

Window and Door Caps.

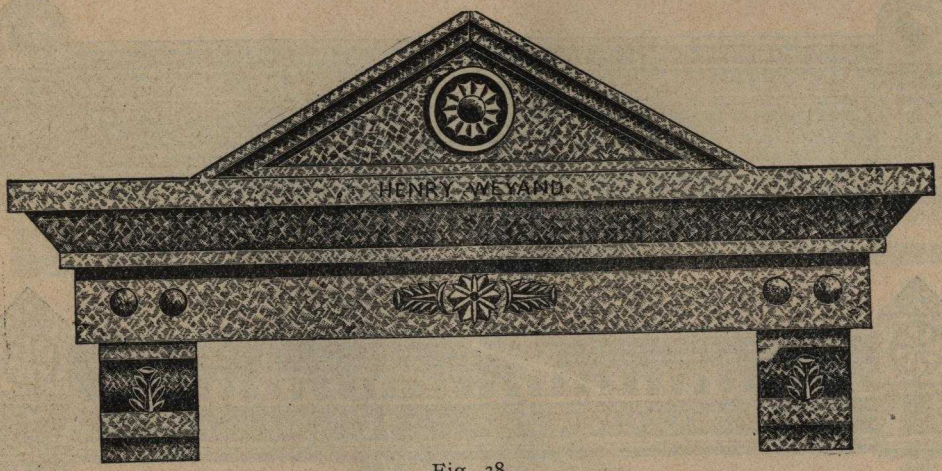


Fig. 38.

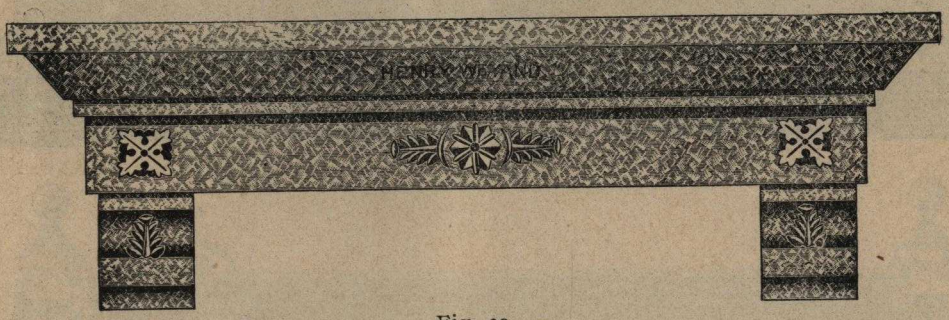


Fig. 39.

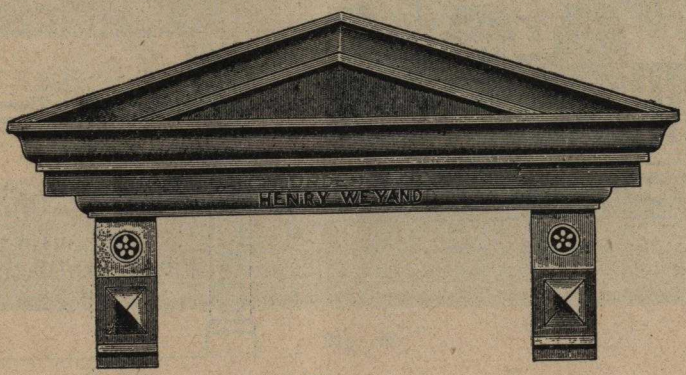


Fig. 40.

Prices quoted on receipt of specifications giving accurate dimensions.

MOULDINGS.

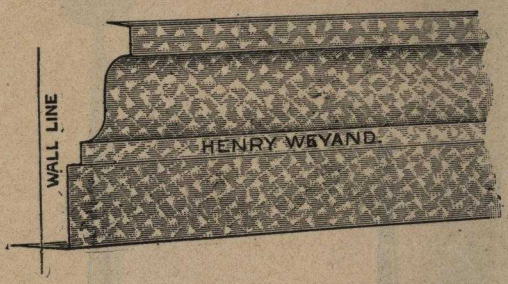


Fig. 32.

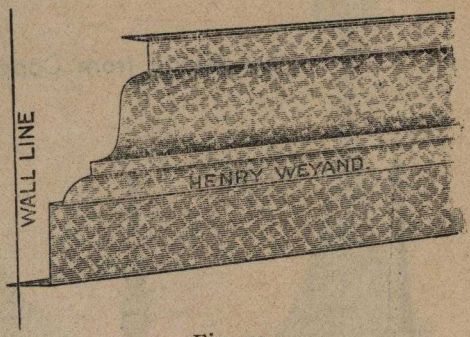


Fig. 33.

Crown Mouldings.

Fig. 34.

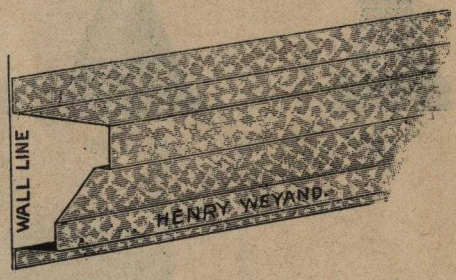


Fig. 35.

Foot Mouldings.

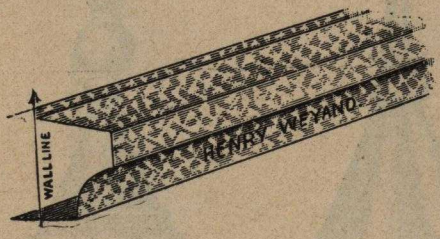


Fig. 36.

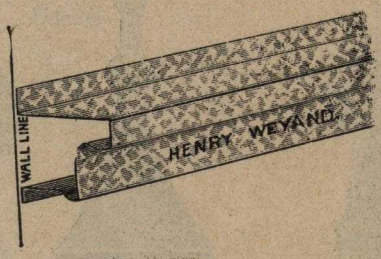


Fig. 37.

Bed Mouldings.

In ordering Mouldings, give height, projection and length, and state if they are to be used for brick or wood.

FINIALS.

Made from Copper or Galvanized Iron.

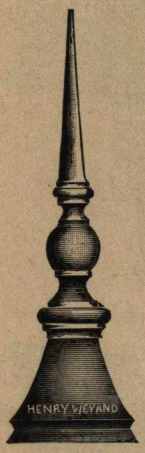


Fig. 44.

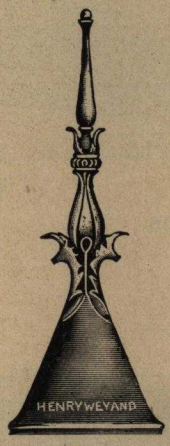


Fig. 45.

Fig. 46.

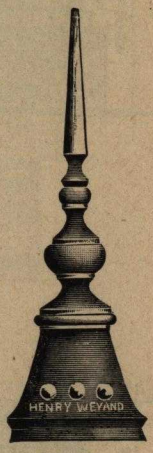


Fig. 47.

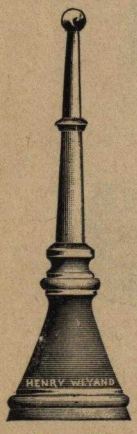


Fig. 48.

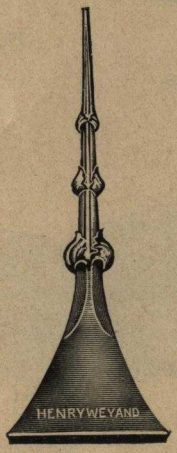


Fig. 49.

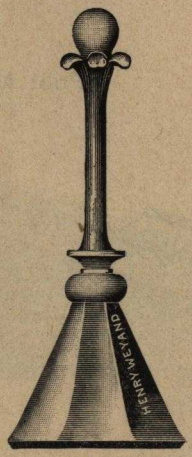


Fig. 50.

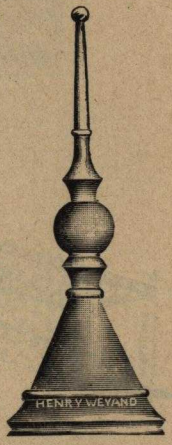


Fig. 51.

When ordering Finials, state whether Base is to be square, round or octagon in shape, giving the dimensions and pitch of roof.

FINIALS.

Made from Copper or Galvanized Iron.

Fig. 52.

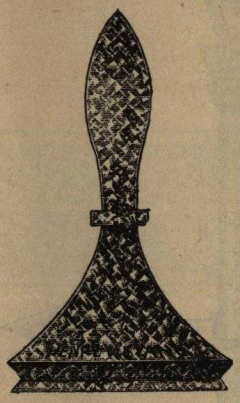


Fig. 53.

Fig. 54.

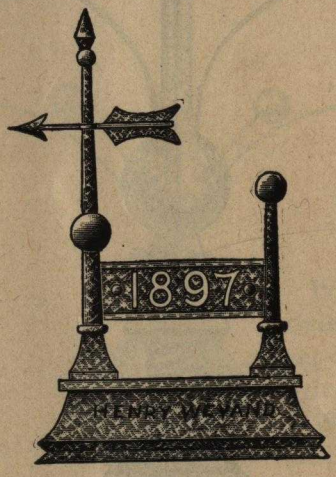


Fig. 55.

Ornamental Hip Cap.

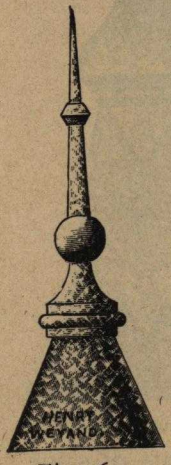
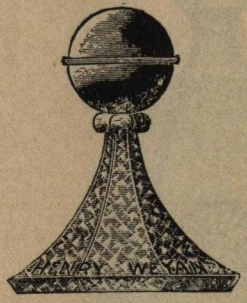


Fig. 56.



Fig, 57.

Fig. 58.

When ordering Finials, state whether base is to be square, round or octagon in shape, giving the dimensions and pitch of roof.

Finials with Vanes.

Made of Copper or Galvanized Iron.

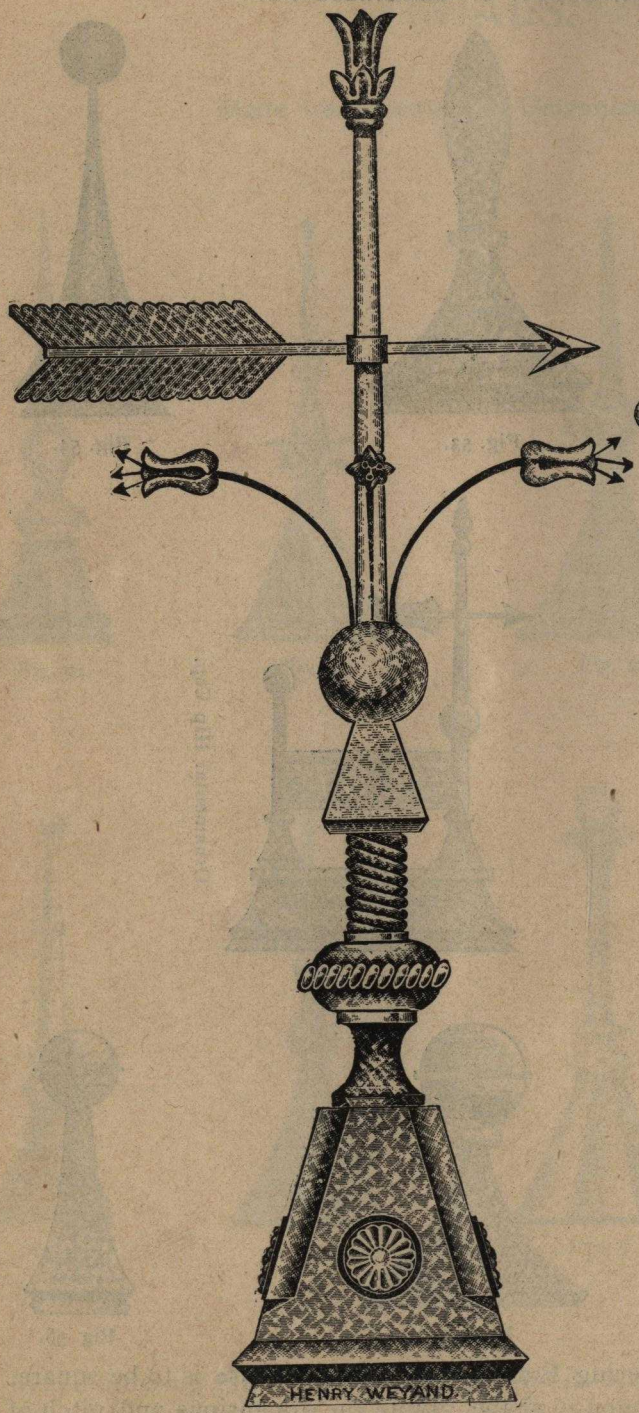


Fig. 74.

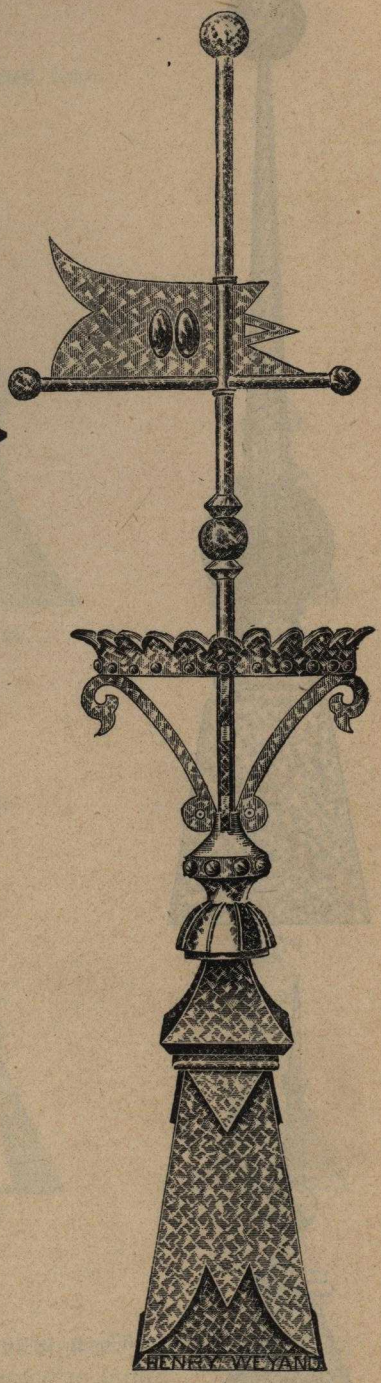


Fig. 75.

When ordering Finials, state style of base, giving measurements of same.
Prices quoted on application.

FINIALS

WITH VANES.

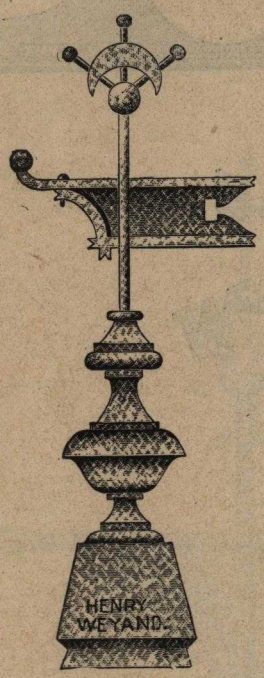


Fig. 76.

These Finials can be furnished with any style of Vane other than shown.

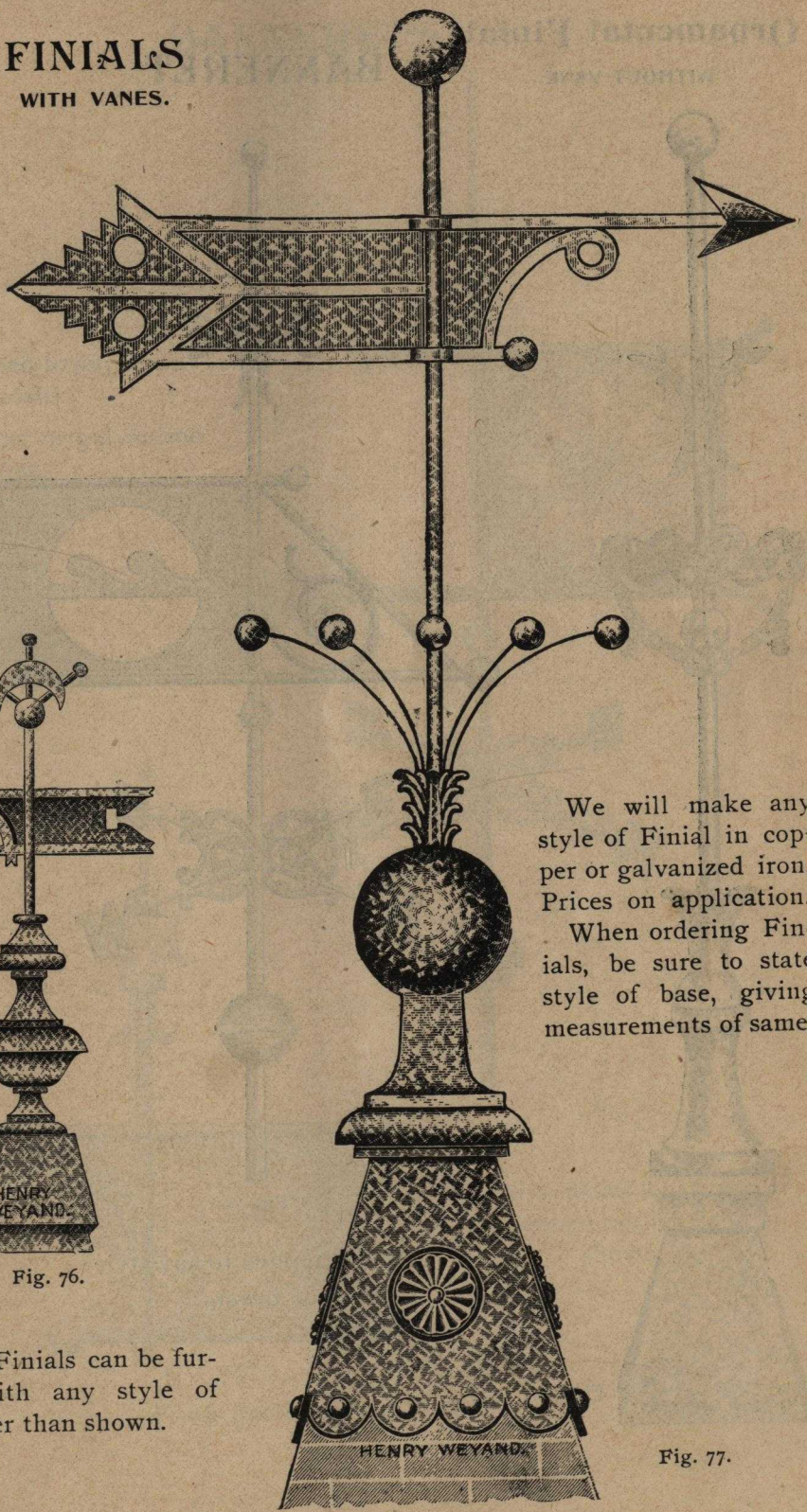


Fig. 77.

We will make any style of Finial in copper or galvanized iron. Prices on application.

When ordering Finials, be sure to state style of base, giving measurements of same.

Ornamental Finial

WITHOUT VANE.

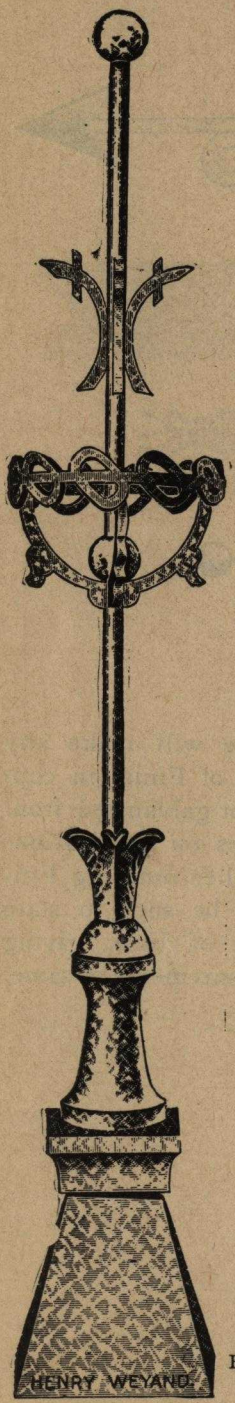


Fig. 78.

BANNERET.

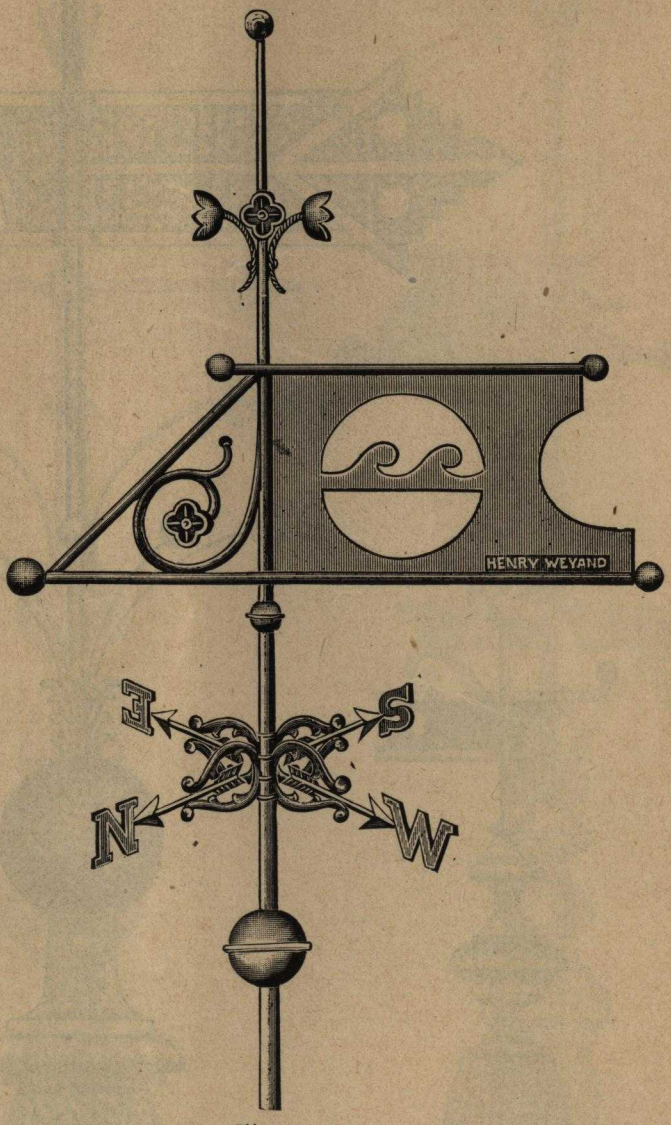


Fig. 79.

Can be applied to any style of tower.

BANNERETS.

Can be applied to any style of tower.

Made of copper or galvanized iron.

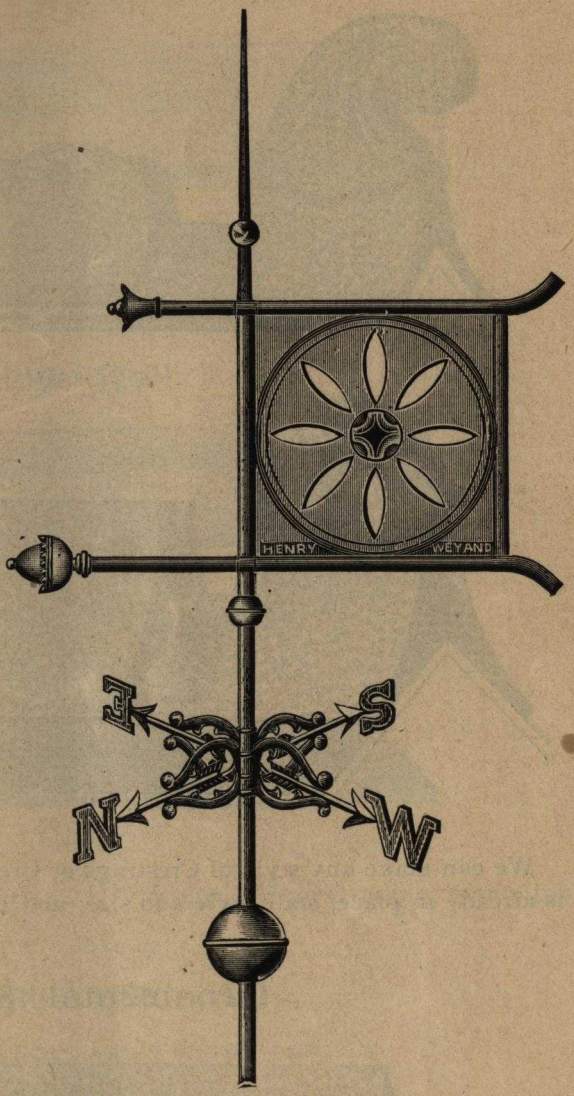


Fig. 80.

We will make any style of Banneret other than shown.

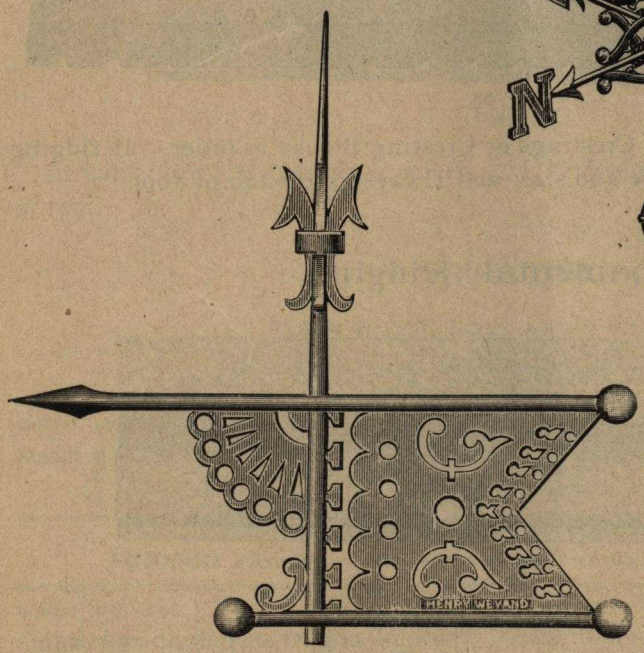


Fig. 81.

Prices quoted on application.

Galvanized Iron Crestings.

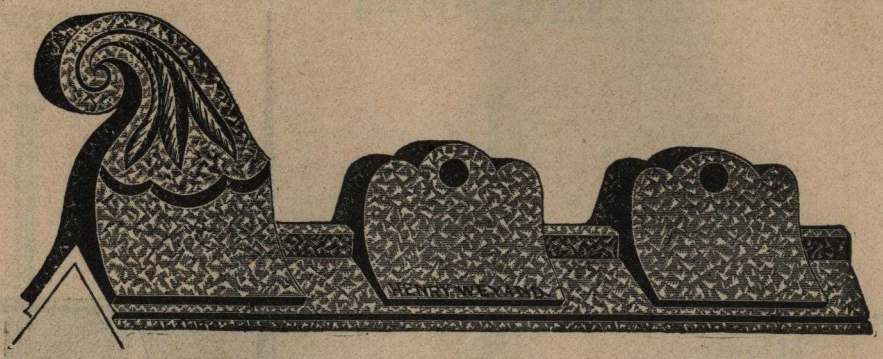


Fig. 67.

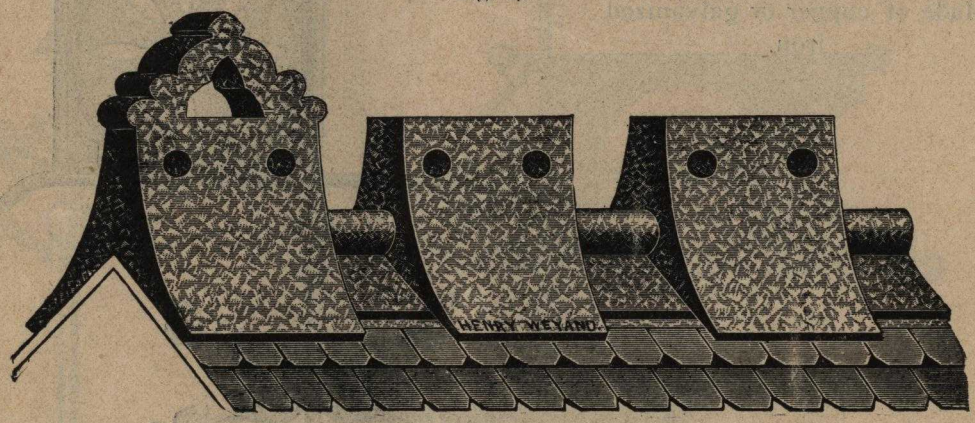


Fig. 68.

We can make any style of Crestings or Cresting Blocks to order. If ridging is already in place, state style and size, and always give pitch of roof.

Ornamental Ridging.

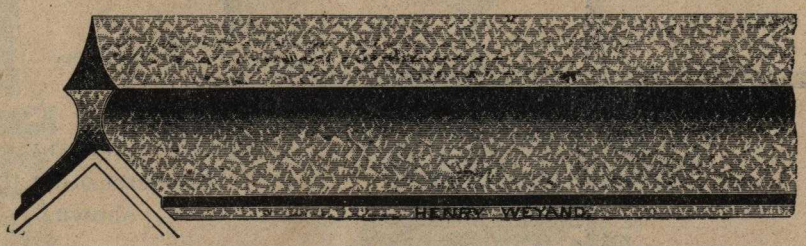


Fig. 69.

Furnished in any shape, style or size Made of copper or galvanized iron.
Prices quoted on application.
In ordering Ridging, state pitch of roof.

Ornamental Ridging.

Fig. 70.

Furnished in any shape, style or size. Made of copper or galvanized iron.

Ridge Roll.

Fig. 71.

Ridge Capping.

Fig. 72.

In your inquiries regarding prices, etc., of Ridge Roll or Capping, give pitch of roof.

PRICE LIST.

PLAIN RIDGE ROLL AND V RIDGE CAP.

GALVANIZED STEEL AND GALVANIZED CHARCOAL IRON.

GIRTH, INCHES.	6	7	8	10	12	14
Standard G.	.13	.14	.16	.19	.23	.28
26 G.	.19	.20	.22	.25	.29	.34
24 G.	.25	.26	.28	.31	.35	.40

FORMED VALLEY.—GALVANIZED STEEL AND GALVANIZED CHARCOAL IRON.

GIRTH, INCHES.	10	12	14	16	20	24	28	30
Standard G.	.12½	.15	.17½	.20	.25	.30	.35	.37
26 G.	.18½	.21	.23½	.26	.31	.36	.41	.43
24 G.	.24½	.27	.29½	.32	.37	.42	.47	.49

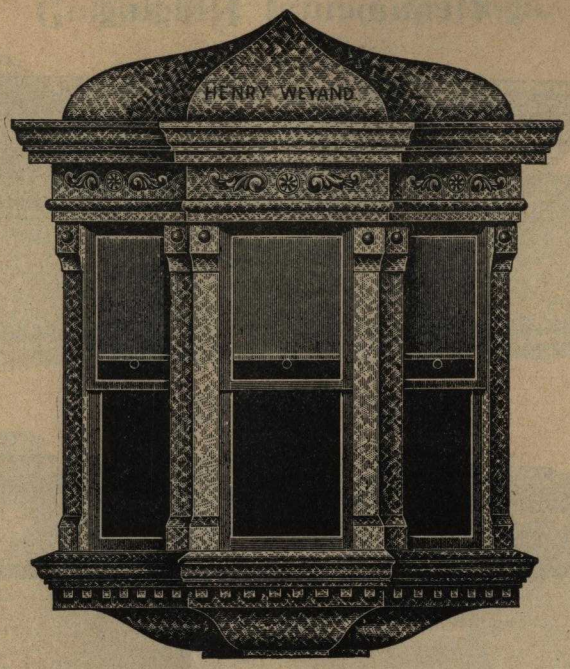


Fig. 41.

The above illustrates a Bay Window constructed of galvanized iron; can be furnished round, square, or in any shape to conform to the architecture of the building.

Letters and Figures.

Fig. 42.

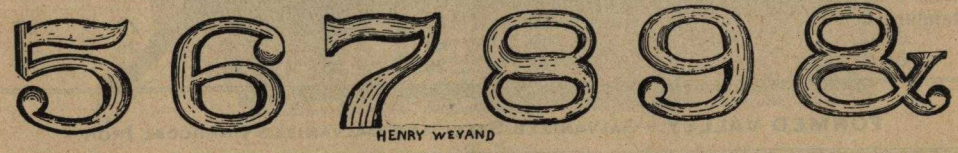


Fig. 43.

We will quote prices and furnish letters and numerals made from any kind of sheet metal on receipt of information as to size, style, etc.

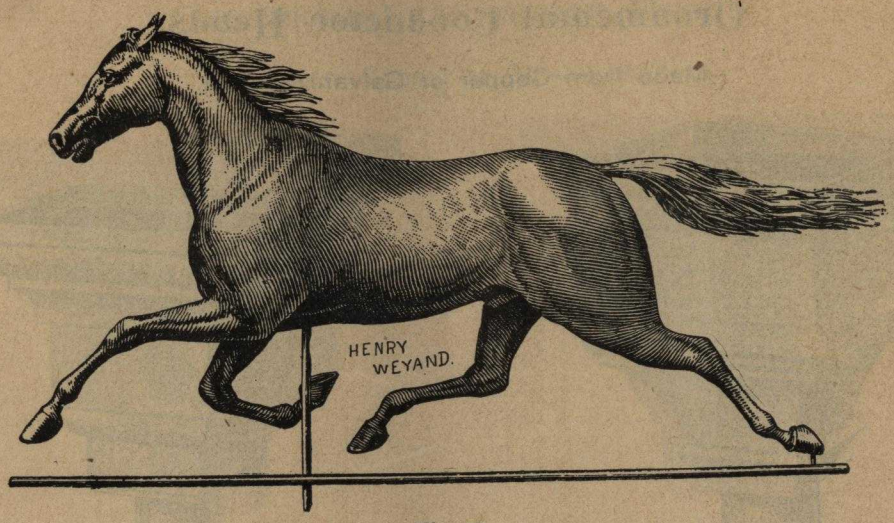
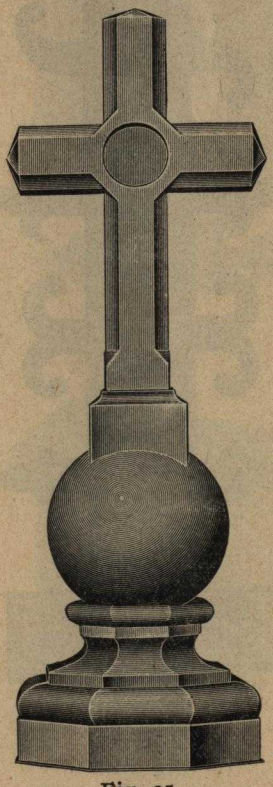


Fig. 73.

We can furnish any kind of figure for Vanes.
Prices quoted on application.

Made from
Galvanized Steel,
Galvanized
Charcoal Iron,
or
Copper.



We can furnish
Crosses
of any size or style
from
Architect's
details.

Fig. 95.

Prices quoted on application.

Ornamental Conductor Heads.

Made from Copper or Galvanized Iron.

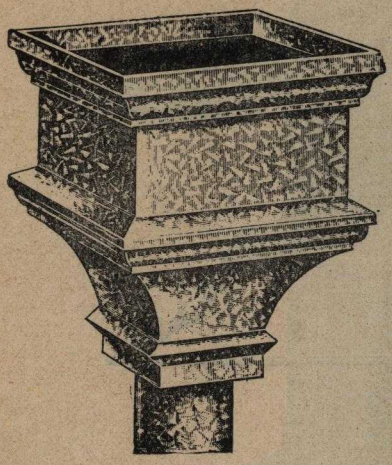


Fig. 96.

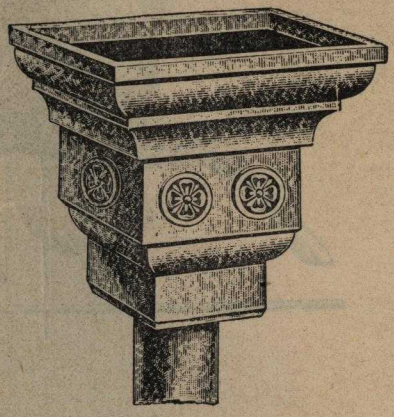


Fig. 97.

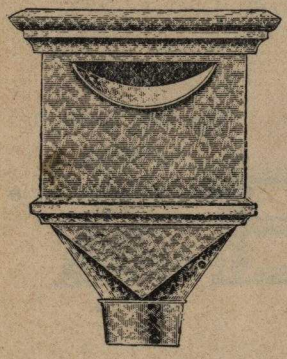


Fig. 98.

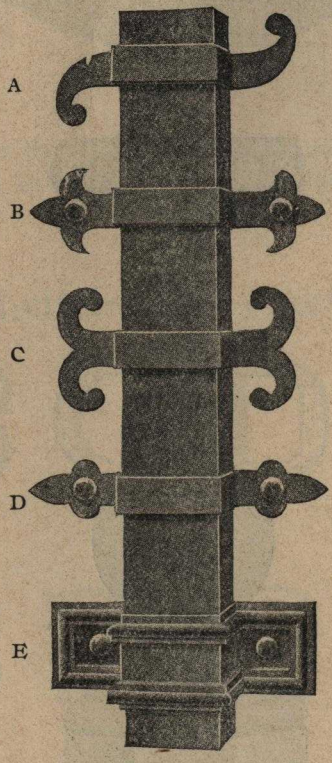


Fig. 100.

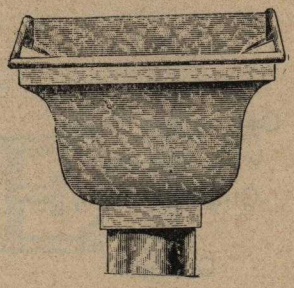


Fig. 99.

Prices on application.

Ornamental Conductor Heads.

Made from Copper or Galvanized Iron.

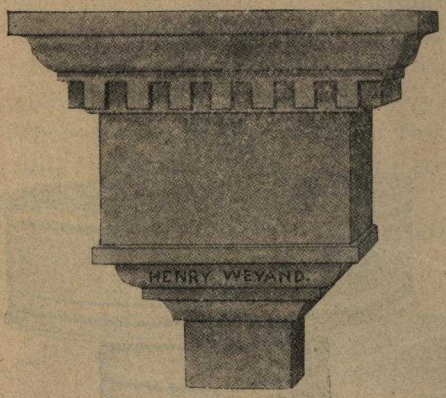


Fig. 59.

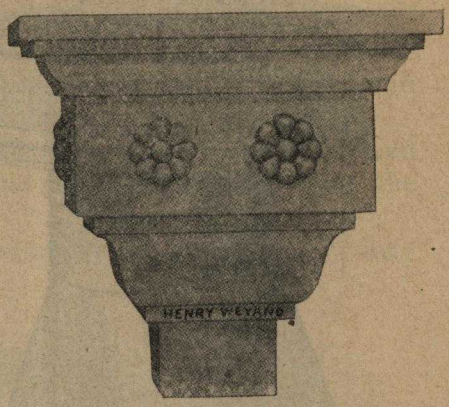


Fig. 60.

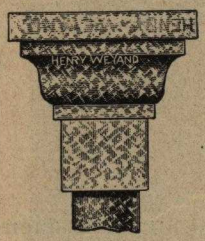


Fig. 61.

Fig. 62.

Fig. 63.

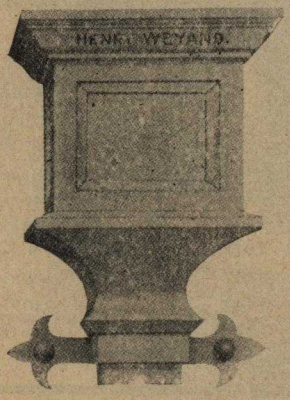


Fig. 64.

Fig. 65.

Fig. 66.

Prices on application.

VENTILATORS.

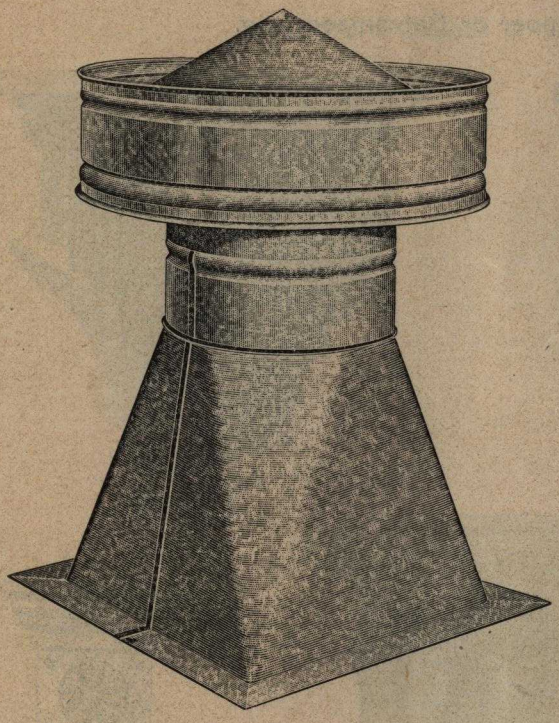


Fig. 101.

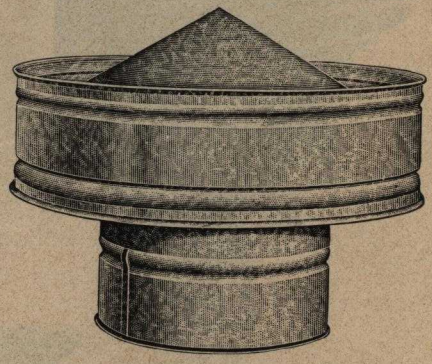


Fig. 102.

THE WEYAND VENTILATOR is constructed on principles that are both scientific and practical, and when properly placed in position on schools, factories, halls, residences and structures of any kind, it will do just what it was designed to do—provide the means for thorough ventilation. Equally effective as a Chimney Cap, by stimulating the draft and preventing downward currents.

Price list and area in square inches of the "*Weyand*" Ventilator. Sizes are neck measure (which is the basis of all sizes):

SIZE.	AREA.	PRICE.	SIZE.	AREA.	PRICE.
2 inch.	4 sq. in.	$1.00	16 inch.	201 sq. in.	$20.00
3 "	7 "	1 50	18 "	254 "	27.00
4 "	13 "	1.75	20 "	314 "	33.00
5 "	19 "	2.60	24 "	452 "	40.00
6 "	28 "	2.40	30 "	707 "	65.00
7 "	40 "	4 00	36 "	1018 "	120.00
8 "	50 "	4.65	40 "	1257 "	180.00
10 "	78 "	5.75	48 "	1810 "	240.00
12 "	113 "	6 75	60 "	2827 "	360.00
14 "	154 "	13.00			

If desired can be constructed as a combined Ventilator and Skylight by inserting glass in the top.

Price list is for ventilator heads only. Prices of bases always extra.

Prices of other styles and of Ventilators made of copper quoted on application.

*Discount*_____

To Architects, Builders, and Others!

The following illustrations are intended to show to what extent "Sheet Metal" can be used in the construction of buildings, the merits of which are, in this connection, its cheapness and durability, combined with ease of application and adaptability to varying conditions and requirements. It is equal in architectural effect to other building materials, and the cost is much less.

When contemplating work of this description, send us full particulars, and we will cheerfully advise as to the economic and suitable manner of doing the work, with estimate of cost.

We show but a few designs, but are prepared to execute any style that may be desired.

Fig. 82.

Showing two sides of building covered with Steel Pressed Brick, and with galvanized steel cornice and window caps.

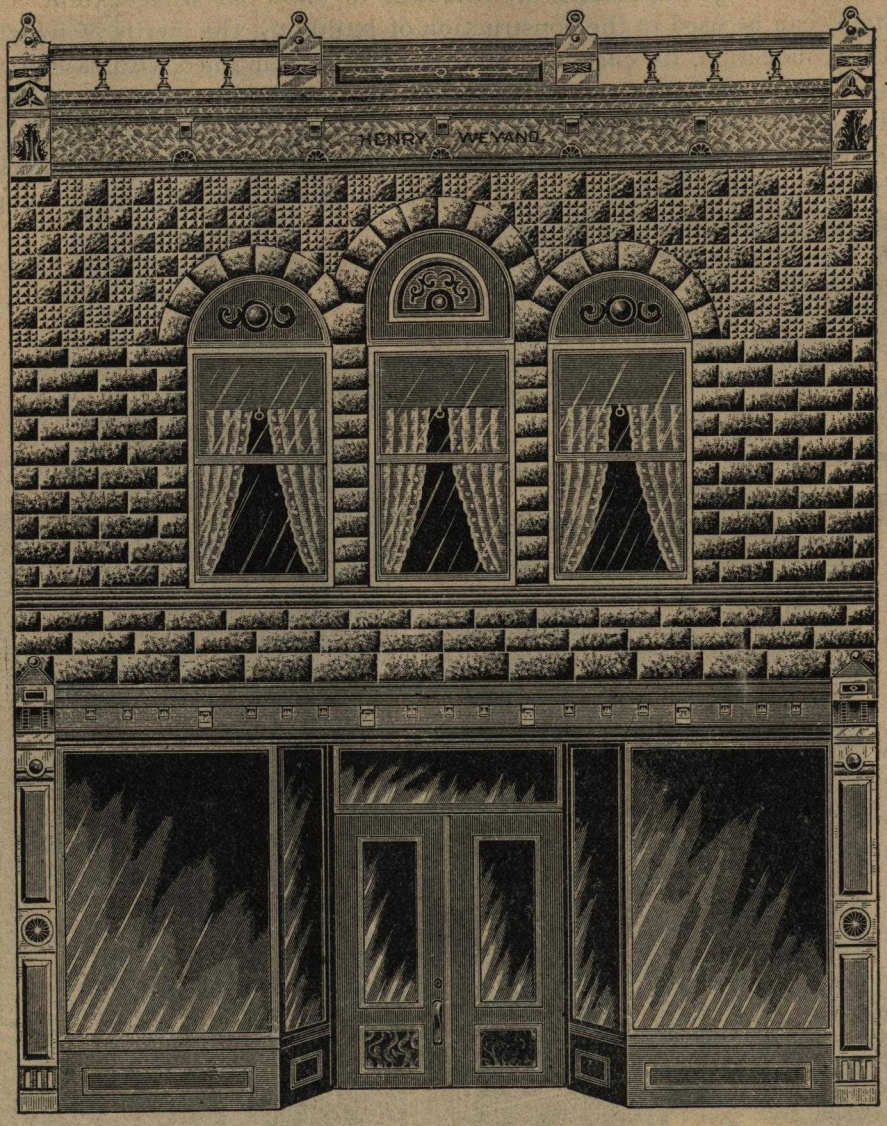


Fig. 86.

In your inquiries regarding prices, etc., relating to sheet metal fronts, particular care should be taken to give plans and elevation of building, giving measurements of every detail possible, such as thickness of walls, width and height of window and door openings, total width and height of building and height of stories.

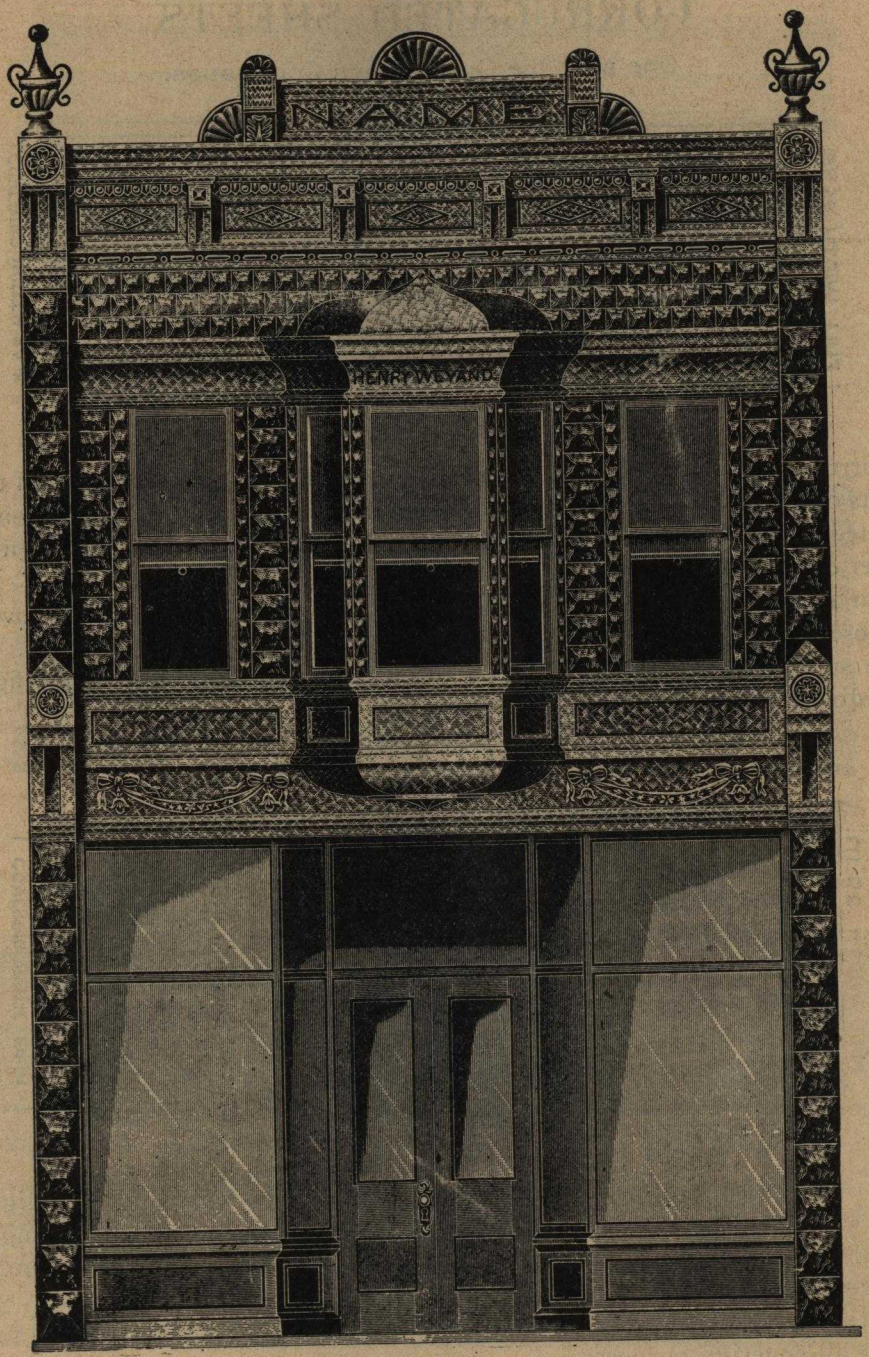


Fig. 85.

Ornamental galvanized steel front, showing cornice with Pediment and bay window.

CORRUGATED SHEETS.

One and One-Quarter Inch Corrugation.

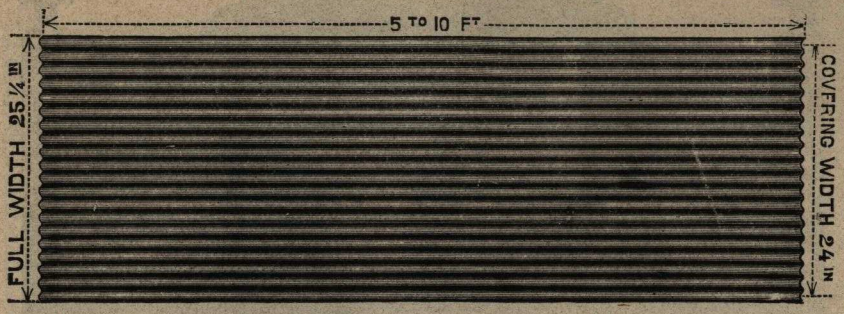


Fig. 87.

Corrugations one and one-quarter inches from center to center, and three-eights of an inch deep, made of No. 22 gauge and lighter. Sheets when corrugated measure 25½ inches wide, and will cover 24 inches from center to center of outside corrugations.

Our one and one-quarter inch corrugated sheets are used for all covering purposes.

Be sure to provide for laps, as what we ship will be the amount figured according to the full width of the sheets.

Two and One-Half Inch Corrugation.

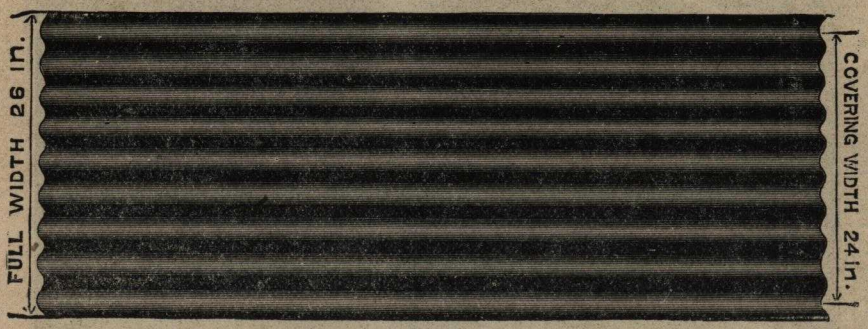


Fig. 88.

Corrugations two and one-half inches from center to center, and five-eighths of an inch deep, made of No. 16 gauge and lighter. Sheets when corrugated measure 26 inches wide, and cover 24 inches from center to center of outside corrugations.

Of the above sizes our two and one-half inch corrugated sheets are the standard for all covering purposes.

☞ The selling width of all corrugated sheets is the full width, after formed. No allowance for laps.

Prices on application.

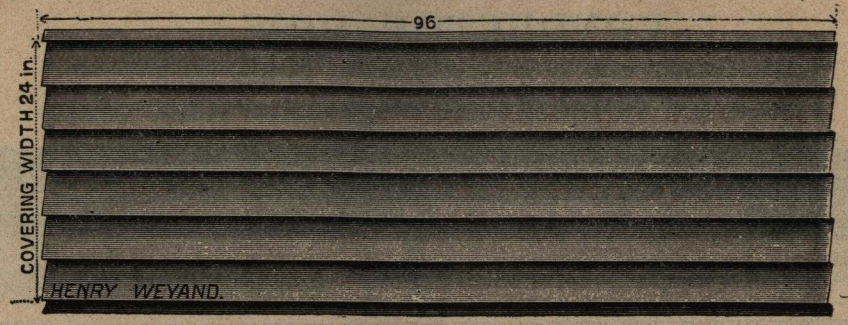


Fig. 89.

Steel Weather Boarding.

Painted or galvanized. Prices on application.

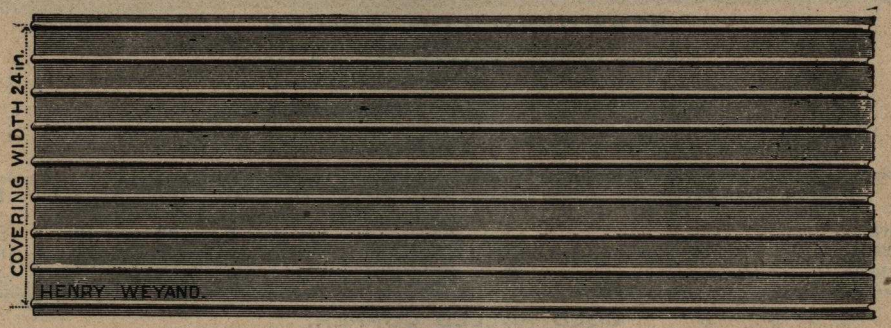


Fig. 90.

Beaded Sheet Steel.

Painted or galvanized. Prices on application.

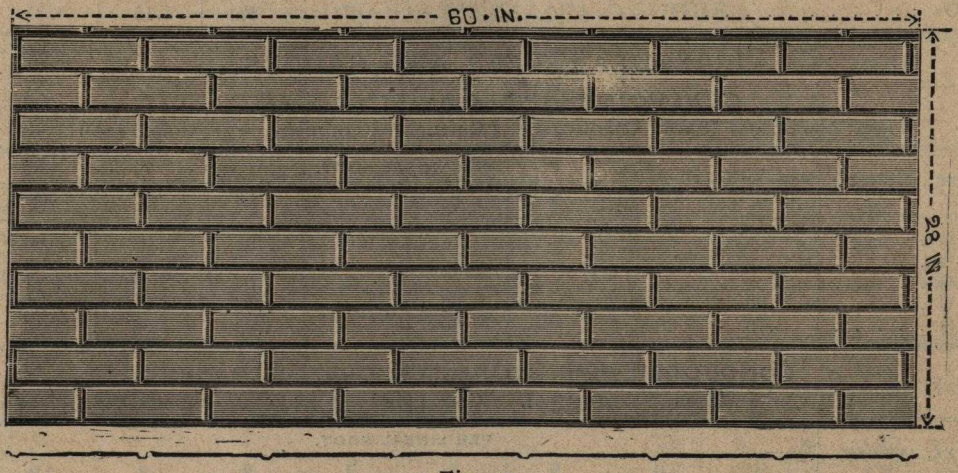


Fig. 91.

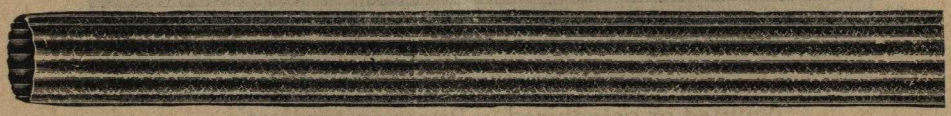
Pressed Steel Brick.

Painted or galvanized. Prices on application.

CONDUCTOR PIPE.

Galvanized Iron and Steel made in 10 foot lengths.
Copper made in 8 foot lengths.

PLAIN ROUND.



CORRUGATED ROUND.

STANDARD LIST PRICES.

Adopted by Manufacturers, March 1, 1906.

STANDARD SIZES AND GAUGES.

GALVANIZED STEEL AND CHARCOAL IRON.

SIZE, INCHES.	1½	2	2½	3	3½	4	4½ & 5	6
Standard G	.11	.13	.14	.15	.18	.20	.25	.30
26 G	.17	.19	.20	.21	.24	.26	.31	.36
24 G	.23	.25	.26	.27	.30	.32	.37	.42

COLD ROLLED COPPER.

	PLAIN ROUND AND CORRUGATED ROUND.				
SIZE, INCHES.	1½ & 2	2½ & 3	3½ & 4	4½ & 5	6
14 Oz.	.40	.50	.65	.85	1.00
16 Oz.	.43	.54	.70	.92	1.08
20 Oz.	.54	.67	.88	1.15	1.35

IRREGULAR SIZES AND GAUGES.

CONDUCTOR PIPE.—GALVANIZED STEEL.

Plain Round and Round Corrugated. (Corrugated not made larger than 6 ins)

SIZE, INCHES.	PER LINEAL FOOT.							
	3	4	5	6	7	8	9	10
28 G					.70	.80	.90	1.00
26 G					.76	.86	.96	1.06
24 G					.94	1.04	1.14	1.24
22 G	.60	.70	.80	.90	1.00	1.10	1.20	1.30
20 G	.70	.80	.90	1.00	1.10	1.20	1.30	1.40

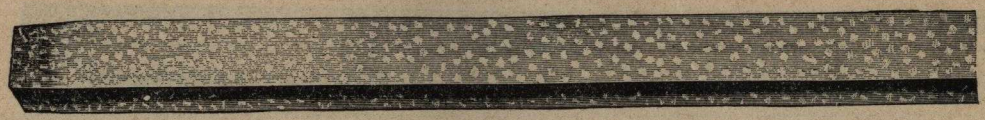
CONDUCTOR PIPE.—GALVANIZED CHARCOAL IRON.

Plain Round and Round Corrugated. (Corrugated not made larger than 6 ins.)

SIZE, INCHES.	PER LINEAL FOOT.							
	3	4	5	6	7	8	9	10
28 G					.93	1.07	1.20	1.35
26 G					1.00	1.13	1.27	1.42
24 G					1.18	1.30	1.45	1.60
22 G	.80	.93	1.05	1.20	1.24	1.36	1.50	1.66
20 G	.90	1.03	1.15	1.30	1.34	1.46	1.60	1.76

CONDUCTOR PIPE.

Galvanized Iron and Steel made in 10 foot lengths.
Copper made in 8 foot lengths.



PLAIN SQUARE.

CORRUGATED SQUARE.

STANDARD LIST PRICES.

Adopted by Manufacturers, March 1, 1906.

STANDARD SIZES AND GAUGES.

GALV'D STEEL AND CHARCOAL IRON.					COLD ROLLED COPPER.				
SIZE, IN.	2	3	4	5	SIZE, IN.	2	3	4	5
Standard G	.14	.16	.21	.26	14 Oz.	.42	.52	.67	.87
26 G	.20	.22	.27	.32	16 Oz.	.45	.56	.72	.94
24 G	.26	.28	.33	.38	20 Oz.	.56	.70	.90	1.18

IRREGULAR SIZES AND GAUGES.

	GALVANIZED STEEL. PER LINEAL FOOT.						GALV. CHARCOAL IRON. PER LINEAL FOOT.					
	2x3	2x4	2½x4	3x4	4x5	4x6	2x3	2x4	2½x4	3x4	4x5	4x6
28 Gauge	.25	.30	.32	.35	.45	.50	.34	.40	.44	.47	.60	.67
26 "	.31	.36	.38	.41	.51	.56	.41	.48	.51	.55	.68	.75
24 "	.49	.54	.56	.59	.69	.74	.55	.62	.75	.79	.92	1.00
22 "	.55	.60	.62	.65	.75	.80	.73	.80	.83	.87	1.00	1.07
20 "	.65	.70	.72	.75	.85	.90	.87	.93	.94	1.00	1.14	1.20

COLD ROLLED COPPER.

SIZE, INCHES.	PER LINEAL FOOT. 2x3	2x4	3x4	4x5	4x6
14 Oz.	.60	.71	.84	1.07	1.18
16 Oz.	.63	.75	.88	1.13	1.25
20 Oz.	.79	.95	1.10	1.42	1.55

Odd Girths not specified take list of next higher Girth.

EAVES TROUGH.

Galvanized Steel and Galvanized Charcoal Iron made in 10 foot lengths.
Copper made in 8 foot lengths.

LAP JOINT.

SLIP JOINT.

STANDARD LIST PRICES.

Adopted by Manufacturers, March 1, 1906.

EAVES TROUGH.—GALVANIZED STEEL AND GALVANIZED CHARCOAL IRON.

SIZE INCHES	SINGLE BEAD, LAP JOINT.										SINGLE BEAD, SLIP JOINT.									
	3	3½	4	4½	5	6	7	8	9	10	3	3½	4	4½	5	6	7	8	9	10
Stan. G	.13	.14	.16	.18	.19	.23	.27	.30	.36	.40	.14	.15	.17	.19	.20	.24	.28	.31	.37	.41
26 G	.19	.20	.22	.24	.25	.29	.33	.36	.42	.46	.20	.21	.23	.25	.26	.30	.34	.37	.43	.47
24 G	.25	.26	.28	.30	.31	.35	.39	.42	.48	.52	.26	.27	.29	.31	.32	.36	.40	.43	.49	.53
SIZE INCHES	DOUBLE BEAD, LAP JOINT										DOUBLE BEAD, SLIP JOINT.									
	3	3½	4	4½	5	6	7	8	9	10	3	3½	4	4½	5	6	7	8	9	10
Stan. G	.16	.17	.19	.21	.22	.26	.30	.33	.39	.43	.17	.18	.20	.22	.23	.27	.31	.34	.40	.
26 G	.22	.23	.25	.27	.28	.32	.36	.39	.45	.49	.23	.24	.26	.28	.29	.33	.37	.40	.46	.50
24 G	.28	.29	.31	.33	.34	.38	.42	.45	.51	.55	.29	.30	.32	.34	.35	.39	.43	.46	.52	.56

EAVES TROUGH.—COLD ROLLED COPPER.

SIZE INCHES	SINGLE BEAD, LAP JOINT.									SINGLE BEAD, SLIP JOINT.									
	3	3½	4	5	6	7	8	9	10	3	3½	4	5	6	7	8	9	10
14 Oz.	.31	.36	.40	.50	.61	.71	.82	.91	1.00	.34	.39	.43	.53	.64	.74	.85	.96	1.06
16 Oz.	.33	.39	.44	.54	.66	.77	.88	.98	1.08	.36	.42	.47	.57	.69	.80	.91	1.03	1.14
20 Oz.	.41	.49	.55	.67	.83	.96	1.10	1.22	1.34	.45	.53	.59	.71	.87	1.00	1.14	1.28	1.42
SIZE INCHES	DOUBLE BEAD, LAP JOINT.									DOUBLE BEAD, SLIP JOINT.									
	3	3½	4	5	6	7	8	9	10	3	3½	4	5	6	7	8	9	10
14 Oz.	.37	.42	.46	.56	.67	.77	.88	1.00	1.12	.40	.45	.49	.59	.70	.80	.91	1.05	1.18
16 Oz.	.39	.45	.50	.60	.72	.83	.94	1.07	1.20	.42	.48	.53	.63	.75	.86	.97	1.12	1.26
20 Oz.	.49	.57	.63	.75	.91	1.04	1.18	1.34	1.50	.53	.61	.67	.79	.95	1.08	1.22	1.40	1.58

Eaves Trough.—(*Continued.*)

STANDARD LIST PRICES.

Adopted by Manufacturers, March 1, 1906.

HEAVY GAUGES.

EAVES TROUGH.—GALVANIZED STEEL.

SIZE INCHES	SINGLE BEAD LAP JOINT, PER LINEAL FOOT.										SINGLE BEAD SLIP JOINT, PER LINEAL FOOT.									
	3	3½	4	4½	5	6	7	8	9	10	3	3½	4	4½	5	6	7	8	9	10
22 G .	.43	.44	.46	.48	.49	.53	.57	.60	.65	.69	.45	.46	.48	.50	.51	.55	.59	.62	.67	.71
20 G .	.53	.54	.56	.58	.59	.63	.67	.70	.75	.79	.55	.56	.58	.60	.61	.65	.69	.72	.77	.81
18 G .	.63	.64	.66	.68	.69	.73	.77	.80	.85	.89	.65	.66	.68	.70	.71	.75	.79	.82	.87	.91

SIZE INCHES	DOUBLE BEAD LAP JOINT, PER LINEAL FOOT.										DOUBLE BEAD SLIP JOINT, PER LINEAL FOOT.									
	3	3½	4	4½	5	6	7	8	9	10	3	3½	4	4½	5	6	7	8	9	10
22 G .	.53	.54	.56	.58	.59	.63	.67	.70	.75	.79	.55	.56	.58	.60	.61	.65	.69	.72	.77	.81
20 G .	.63	.64	.66	.68	.69	.73	.77	.80	.85	.89	.65	.66	.68	.70	.71	.75	.79	.82	.87	.91
18 G .	.73	.74	.76	.78	.79	.83	.87	.90	.95	.99	.75	.76	.78	.80	.81	.85	.89	.92	.97	1.01

EAVES TROUGH.—GALVANIZED CHARCOAL IRON.

SIZE INCHES	SINGLE BEAD LAP JOINT, PER LINEAL FOOT.										SINGLE BEAD SLIP JOINT, PER LINEAL FOOT.									
	3	3½	4	4½	5	6	7	8	9	10	3	3½	4	4½	5	6	7	8	9	10
22 G .	.56	.58	.61	.64	.66	.71	.76	.80	.87	.92	.58	.60	.63	.66	.68	.73	.78	.82	.89	.94
20 G .	.70	.72	.75	.77	79	.84	.89	.94	1.00	1.05	.72	.74	.77	.79	.81	.86	.91	.96	1.02	1 07
18 G .	.84	.85	.88	.90	.92	.97	1.02	1.07	1.12	1.18	.86	.87	.90	.92	.94	.99	1 04	1.09	1.14	1.20

SIZE INCHES	DOUBLE BEAD LAP JOINT, PER LINEAL FOOT.										DOUBLE BEAD SLIP JOINT, PER LINEAL FOOT.									
	3	3½	4	4½	5	6	7	8	9	10	3	3½	4	4½	5	6	7	8	9	10
22 G .	.66	.68	.71	.74	.76	.81	.86	.90	.97	1.02	.68	.70	.73	.76	.78	.83	.88	.92	.99	1.04
20 G .	.80	.82	.85	.87	.89	.94	.99	1.04	1.10	1.15	.82	.84	.87	.89	.91	.96	1.01	1.06	1.12	1.17
18 G .	.94	.95	.98	1.00	1.02	1 07	1.12	1.17	1.22	1.28	.96	.97	1.00	1.02	1.04	1.09	1.14	1.19	1.24	1.30

O. G. BOX AND ROOF GUTTERS.—GALVANIZED STEEL AND GALVANIZED CHARCOAL IRON.

Illustrated on pages 52 53-54.

GIRTH, INCHES.	STYLES A, B, C, D, E, F, G, AND H.											
	10	12	14	15	16	18	20	22	24	26	28	30
Standard G . .	**.25**	**.30**	**.35**	**.37**	**.40**	**.45**	**.50**	**.55**	**.60**	**.65**	**.70**	**.75**
26 G . .	.31	.36	.41	.43	.52	.57	.62	.67	.72	.77	.82	.87
24 G . .	.49	.54	.59	.61	.64	.69	.74	.79	.84	.89	.94	.99

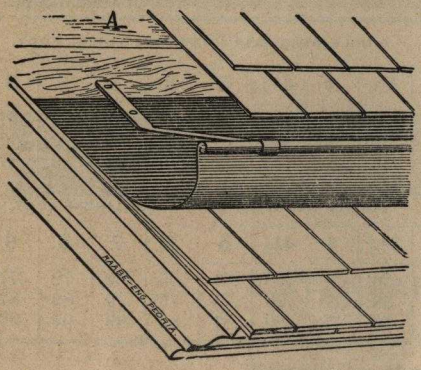
GIRTH, INCHES.	STYLE J.											
	10	12	14	15	16	18	20	22	24	26	28	30
Standard G . .	**.30**	**.36**	**.42**	**.45**	**.48**	**.54**	**.60**	**.66**	**.72**	**.78**	**.84**	**.90**
26 G . .	.36	.42	.48	.51	.60	.66	.72	.78	.84	.90	.96	1.02
24 G . .	.54	.60	.66	.69	.72	.78	.84	.90	.96	1.02	1.08	1.14

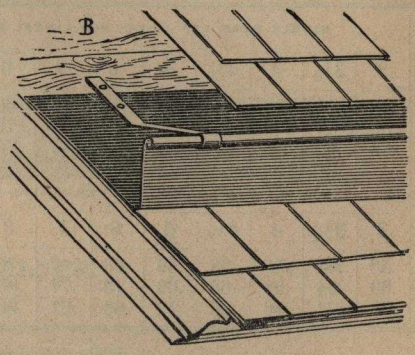
Intermediate Girths take list of next higher Girth. Wider than 30″ add proportionately to list.

ROOF GUTTERS.

Made in 10 foot lengths of Galvanized Charcoal Iron, and Galvanized Steel.
Made in 8 foot lengths of Copper.

Special Sizes Made to Order.





STYLE A.

	LIST PER FOOT.
Cut from 14 inch Sheet,	$0.35
" 20 " "	.50
" 24 " "	.60

STYLE B.

	LIST PER FOOT.
Cut from 15 inch Sheet,	$0 37
" 20 " "	.50
" 24 " "	.60

For other Sizes and Gauges see page 51.

*Discount*_____

Hangers for above Trough, ... Net each, $0 03

Quarter Circle O. G., and Box Gutters.

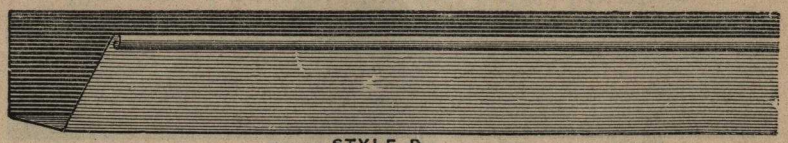
Made in 10 foot lengths of Galvanized Charcoal Iron, and Galvanized Steel.
Made in 8 foot lengths of Copper.
Backs of Troughs same Height as Bead End.

Special Sizes Made to Order.

For high backs add 2½ cents per foot to List Prices for each additional inch added to back.

STYLE C

SIZE.	DEPTH.	GIRTH.	LIST PER FOOT.
5 inches.	3½ inches.	12 inches.	$0.30
6 "	4½ "	14 "	.35
7 "	4½ "	16 "	.40



STYLE D.

SIZE.	DEPTH.	GIRTH.	LIST PER FOOT.
6 inches.	4 inches.	15 inches.	$0 37
7 "	5 "	18 "	.45
8 "	5¾ "	20 "	.50

STYLE E

SIZE.	DEPTH.	GIRTH.	LIST PER FOOT.
6 inches.	4½ inches.	15 inches.	$0.37
7 "	5½ "	18 "	.45
8 "	7 "	22 "	.55

For other Sizes and Gauges see page 51.

*Discount*_____

Special Sizes Made to Order.

STYLE F.

SIZE.	DEPTH.	GIRTH.	LIST PER FOOT.
6 inches.	5½ inches.	18 inches.	$0.45
7 "	6 "	20 "	.50
8 "	6 "	22 "	.55

STYLE G.

SIZE.	DEPTH.	GIRTH.	LIST PER FOOT.
6 inches.	5½ inches.	18 inches.	$0.45
7 "	6½ "	20 "	.50
8 "	7 "	22 "	.55

STYLE H.

SIZE.	DEPTH.	GIRTH.	LIST PER FOOT.
6 inches.	4 inches.	14 inches.	$0.35
7 "	4¾ "	16 "	.40
8 "	5½ "	18 "	.45

STYLE J.

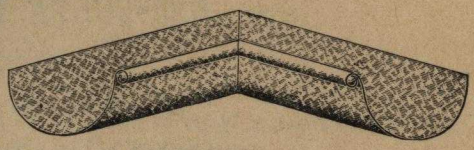
SIZE.	DEPTH.	GIRTH.	LIST PER FOOT.
6 inches.	5¾ inches.	18 inches.	$0.54
7 "	6½ "	20 "	.60
9 "	8 "	24 "	.72

For other Sizes and Gauges see page 51.

*Discount*_____

MITRES.

Outside Corner Mitre.



Inside Corner Mitre.

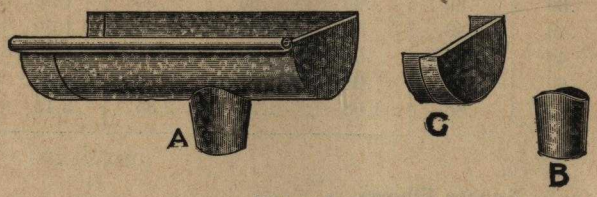
EAVES TROUGH MITRES—GALVANIZED STEEL AND GALVANIZED CHARCOAL IRON.

SINGLE BEAD—LAP JOINT—PER DOZ.									SINGLE BEAD—SLIP JOINT—PER DOZ.							
Size, Inches,	3	3½	4	4½	5	6	7	8	3	3½	4	4½	5	6	7	8
Standard G	2.25	2.50	2.75	2.90	3.00	3.50	4.25	5.00	2.75	3.00	3.25	3.40	3.50	4.00	4.75	5.50
26 G	3.00	3.25	3.60	3.80	3.90	4.50	5.75	6.50	3.60	3.90	4.25	4.50	4.65	5.20	6.25	7.25
24 G	3.75	4.00	4.50	4.80	4.80	5.50	6.75	8.00	4.50	4.80	5.25	5.60	5.80	6.50	7.75	9.00

DOUBLE BEAD—LAP JOINT—PER DOZ.									DOUBLE BEAD—SLIP JOINT—PER DOZ.							
Size, Inches,	3	3½	4	4½	5	6	7	8	3	3½	4	4½	5	6	7	8
Standard G	2.75	3.00	3.25	3.40	3.50	4.00	4.75	5.50	3.25	3.50	3.75	3.90	4.00	4.50	5.25	6.00
26 G	3.60	3.90	4.25	4.50	4.65	5.20	6.25	7.25	4.20	4.50	4.90	5.10	5.20	5.85	6.75	7.90
24 G	4.50	4.80	5.25	5.60	5.80	6.50	7.75	9.00	5.20	5.50	6.00	6.30	6.50	7.25	8.25	10.00

When ordering Slip Joint Mitres, state whether right or left hand is wanted, and whether for "Inside" or "Outside" Corner, otherwise half rights and half lefts, and half "Inside" and half "Outside" Corner Mitres will be supplied.

Eaves Trough Ends and Drops.



No. 936.

A represents a 12-inch section of Trough, with Drop (B) soldered on, and the end closed with our Slip Joint End Cap (C).

B represents a Drop or Outlet.

C represents our Slip Joint End Cap, which requires no solder. May be used right or left.

PRICE LIST.

SIZE.	B.	C.	A. COMPLETE Single Bead.	A. COMPLETE Double Bead.
3 inch, per dozen, net,	$0.75	$0.95	$2.80	$3.30
3½ " " "	.80	.95	2.80	3.30
4 " " "	.85	1.10	3.10	3.60
5 " " "	.95	1.20	3.45	3.95
6 " " "	1.20	1.45	4 15	4.65
7 " " "		1 70	4.70	5.20
8 " " "		2.10	5 25	5.75

NOTE.—We furnish End Sections (A) complete for 3½ and 4 inch Trough with 2 inch Drop; for 5 inch Trough with 3 inch Drop; for 6 inch Trough with 4 inch Drop.

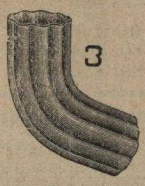
*Discount*_____

Elbows and Shoes.

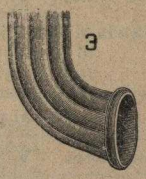
STANDARD LIST PRICES.

Adopted by Manufacturers, March 1, 1906.

Round Elbows.



Round Shoe.

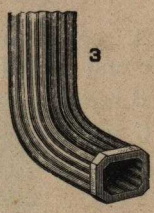


ROUND CORRUGATED AND PLAIN ROUND ELBOWS AND SHOES.

SIZE.	GALV'D STEEL OR TIN.		GALV'D C. C. IRON.		14 OZ. COPPER.		16 OZ. COPPER.	
	ELBOWS.	SHOES.	ELBOWS.	SHOES.	ELBOWS. NO. 0-1-2-3	SHOES AND NO. 4 ELB.	ELBOWS NO. 0-1-2-3	SHOES AND NO. 4 ELB.
2 inch List, each	.25	.30	.38	.45	.70	.75	.75	.85
2½ inch List, each	.30	.36	.45	.54	.90	1.00	1.00	1.10
3 inch List, each	.30	.36	.45	.54	.90	1.00	1.00	1.10
3½ inch List, each	.40	.48	.60	.72	1.35	1.50	1.50	1.65
4 inch List, each	.40	.48	.60	.72	1.35	1.50	1.50	1.65
5 inch List, each	.60	.72	.90	1.08	2.00	2.25	2.25	2.50
6 inch List, each	.72	.86	1.08	1.30	2.85	3.15	3.15	3.50

Square Elbows.

Square Shoe.



SQUARE CORRUGATED ELBOWS AND SHOES.

SIZE.	GALV'D STEEL OR TIN.		GALV'D C. C. IRON.		14 OZ. COPPER.		16 OZ. COPPER.	
	ELBOWS.	SHOES.	ELBOWS.	SHOES.	ELBOWS NO. 0-1-2-3.	SHOES AND NO. 4 ELB.	ELBOWS NO. 0-1-2-3	SHOES AND NO. 4 ELB.
2 inch List, each	.40	.48	.60	.72	.85	.90	.90	1.05
3 inch List, each	.45	.54	.67	.81	1.10	1.20	1.20	1.35
4 inch List, each	.60	.72	.90	1.08	1.60	1.80	1.80	2.00
5 inch List, each	.90	1.08	1.35	1.62	2.40	2.75	2.75	3.00

Special or Hand Made Elbows.

Odd sizes, not specified below, take the same list as those of equal girth, or of the next higher girth, if unequal to any of the specific sizes.

SIZE INCHES	GALVANIZED STEEL.						GALVANIZED CHARCOAL IRON.					
	2x3	2x4	3x4	3x5	4x5	4x6	2x3	2x4	3x4	3x5	4x5	4x6
26 Gauge . . .	1.00	1.10	1.20	1.32	1.45	1.60	1.25	1.38	1.50	1.65	1.84	2.00
24 " . . .	1.15	1.25	1.35	1.47	1.60	1.75	1.44	1.56	1.69	1.84	2.00	2.17
22 " . . .	1.30	1.40	1.50	1.62	1.75	1.90	1.62	1.75	1.87	2.02	2.19	2.37
20 " . . .	1.50	1.60	1.70	1.82	1.92	2.10	1.87	2.00	2.12	2.27	2.40	2.60

SIZE INCHES	COPPER.					
	2x3	2x4	3x4	3x5	4x5	4x6
14 Oz.	1.45	1.60	1.75	1.95	2.15	2.35
16 Oz.	1.50	1.65	1.80	2.00	2.20	2.40

Adjustable Elbows.

They can be turned to fit any angle between a straight line and a right angle, or an offset, bevel, cork-screw twist, etc.

PRICE LIST.

SIZE.	Tin.	Galv. Iron
2 inch, per dozen, ...	$0.65	$0.70
2½ " " . . .	.75	.85
3 " "	.75	1.00
3½ " " . . .	1.10	1.15
4 " "	1.10	1.30
4½ " " . . .	1.40	1.50
5 " "	1.40	1.80
5½ " " . . .	1.80	2.10
6 " "	1.80	2.30
7 " " . . .	2.20	2.80
8 " "	2.80	3.80
9 " " . . .	3.40	4.20
10 " "	3.90	5.70

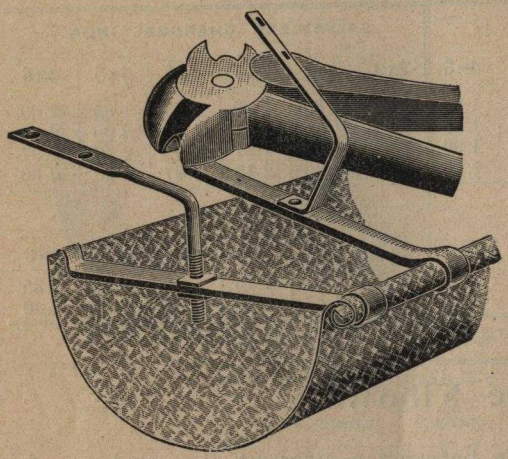
*Discount*_____

Prices on copper quoted on application.

BERGER'S IMPERIAL

Adjustable Eaves Trough Hanger.

FOR SINGLE AND DOUBLE BEAD.



THE GREATEST LABOR SAVING HANGER MADE.

Can be adjusted to any fall or pitch.

NO SOLDERING REQUIRED.

They serve both as a Brace and a Hanger.

UNEQUALLED IN THEIR STRENGTH.

Made from Best No. 16 Steel.

PRICE LIST.

With Rods and Nuts Complete.

SIZE	Single Bead.	Double Bead.	SIZE.	Single Bead.	Double Bead.
3 inch, Per Gross,	$3.75	$4.00	5 inch, Per Gross,	$4.50	$4.75
3½ " "	4.00	4 25	6 " "	5.00	5.25
4 " "	4.25	4 50	7 " "	6.00	6.25
4½ " "	4.35	4.60	8 " "	8.00	8.25

With Straps Riveted on Crossbars Complete.

SIZE.	Single Bead.	Double Bead.	SIZE.	Single Bead.	Double Bead.
3 inch, Per Gross,	$3.50	$3.75	5 inch, Per Gross,	$4.00	$4.25
3½ " "	3.50	3 75	6 " "	4.50	4.75
4 " "	3.75	4.00	7 " "	5.50	5.75
4½ " "	3.85	4.10	8 " "	7.50	7.75

Tongs to apply Hangers, each, . . . $0.40
Hanger Rod Bender, ...75

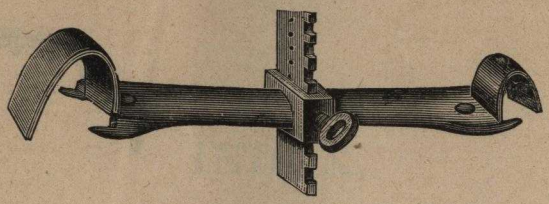
GALVANIZED, Per Gross, Extra.

WIRE HANGERS.—Double or Triple Cross Bar.

SIZE, INCHES.	3	3½	4	4½	5	6	7	8
Single Bead, Per Gross, ...	2.75	2.75	2.75	3.00	3.00	3.50	4.00	4.50
Double Bead, " "	3.00	3.00	3.00	3.25	3.25	3.75	4.25	4.75

Discount

Yankee Adjustable Eaves Trough Hanger.



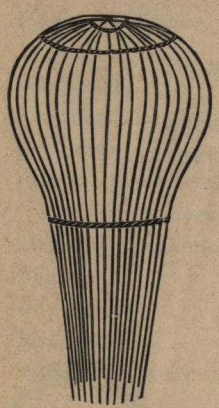
PRICE LIST.

SIZE.	PER GROSS.	SIZE.	PER GROSS.
3½ inch,	$6.00	5 inch,	$ 7.00
4 "	6.50	6 "	10.00
4½ "	6.50	7 "	13.00

*Discount*_____

Crossbars for Double Bead Trough same price as above. Assorted straps from 8 to 12 inches long, packed complete with Crossbars.

Galvanized Conductor Strainers.



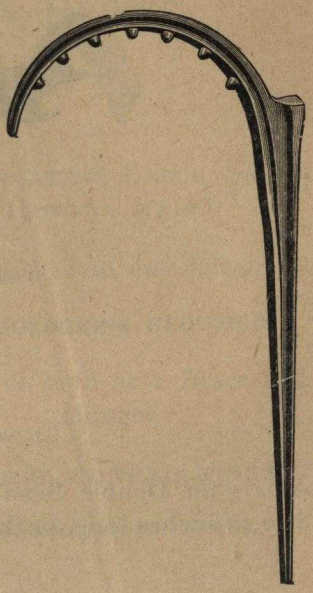
ARE INVALUABLE FOR KEEPING LEAVES AND SIMILAR OBSTRUCTIONS FROM GETTING INTO AND STOPPING UP THE CONDUCTOR PIPE.

PRICE LIST.

SIZE.	PER DOZEN.	SIZE.	PER DOZEN.
2 inches diameter,	$1.50	4 inches diameter,	$3.00
2½ " "	1.75	5 " "	5.00
3 " "	2.00	6 " "	6.00
3½ " "	2.50		

*Discount*_____

Never-Slip Conductor Hooks.



A good, low-priced conductor hook which will hold the pipe without solder.

The points do not damage the pipe, but dent enough to hold firmly.

PRICE LIST.

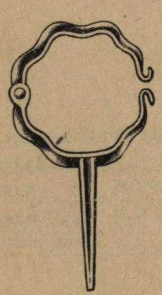
	SIZES, INCHES.					
	2	2½	3	4	5	6
For Wood, per hundred,	$1.00	1.50	2.00	3.00	4.00	5.00
For Brick, "	1.75	2.00	2.75	4.25	6.00	7.50

PACKED NEATLY IN BOXES CONTAINING FIFTY HOOKS.

For 2-inch Plain Round Conductor, use 2-inch Hooks.
For 2-inch Corrugated Conductor, use 2 1-2 inch Hooks.

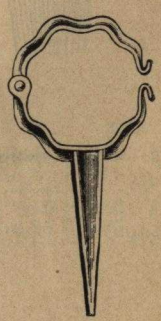
*Discount*_____

Corrugated Hinged Hooks.



PER 100, TINNED.

Inches, . . .	2	3	4	5	6
For Wood,	$3.00	4.00	5.00	6.00	
For Brick,	3.50	4.50	5.50	7.50	8.50



*Discount*_____

2, 3 and 4-inch long Corrugated Wood Hooks, same price as brick.

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